

FIG. 1A (PRIOR ART)

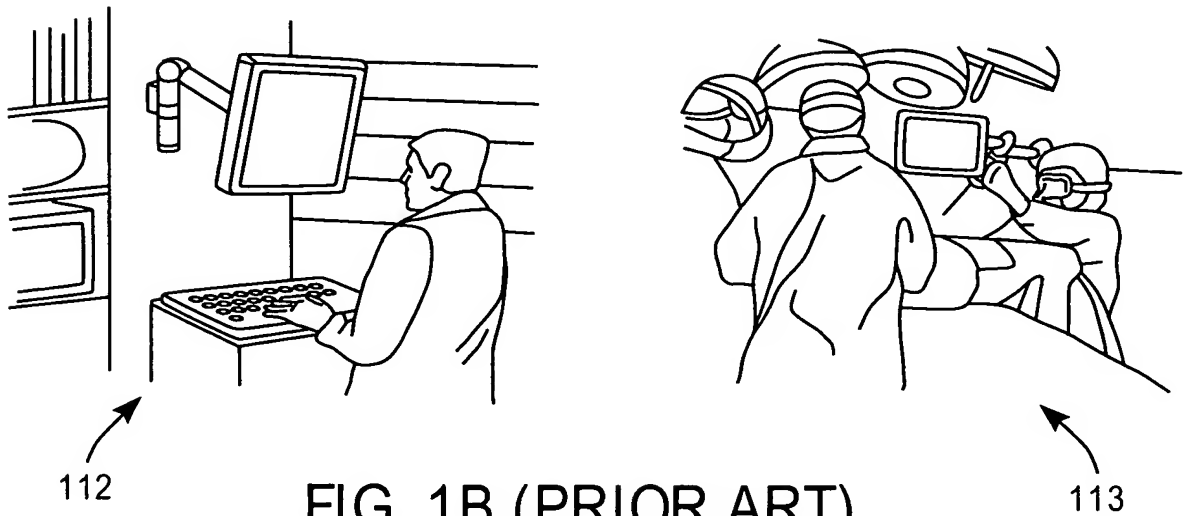


FIG. 1B (PRIOR ART)

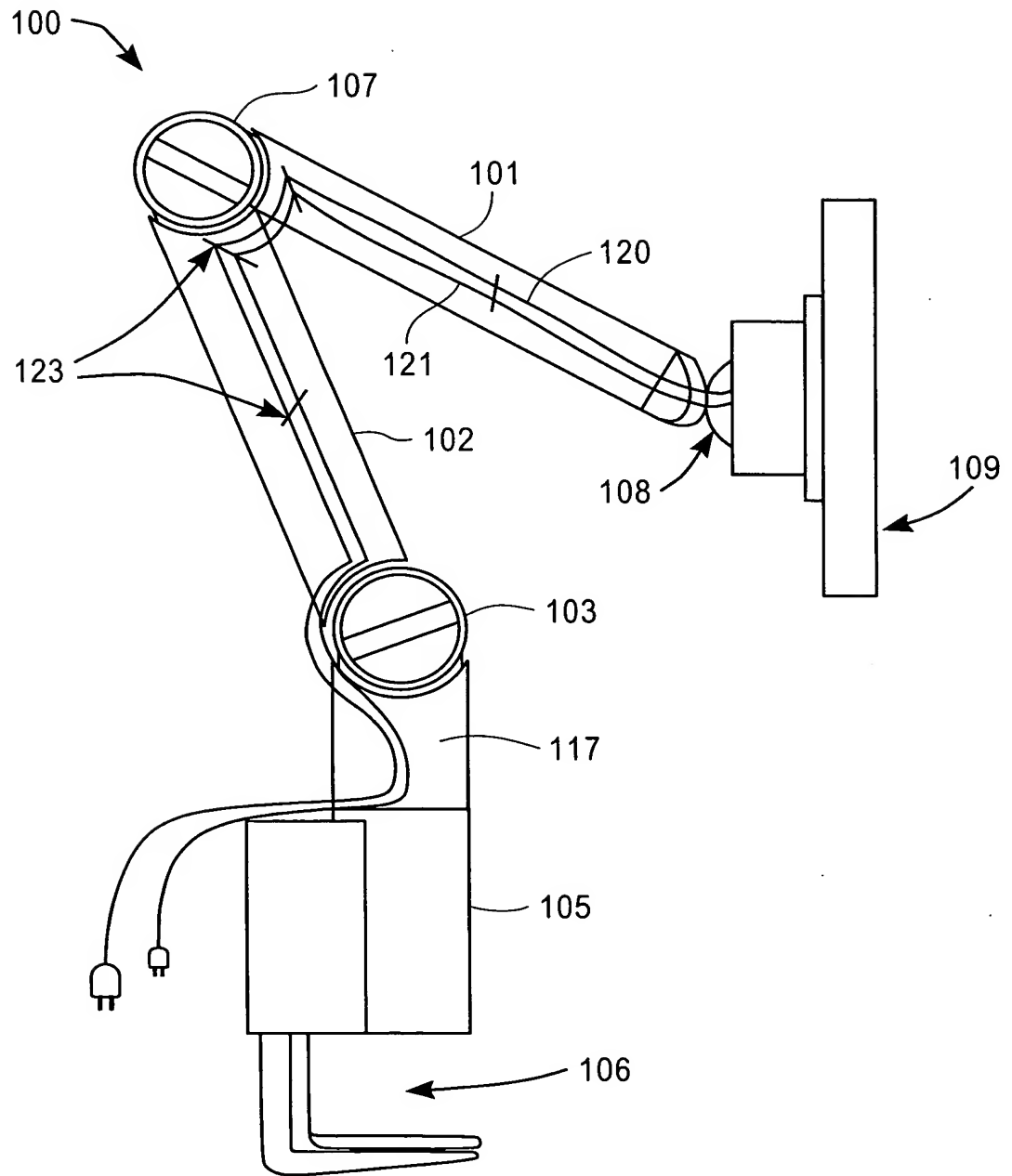


FIG. 1C (PRIOR ART)

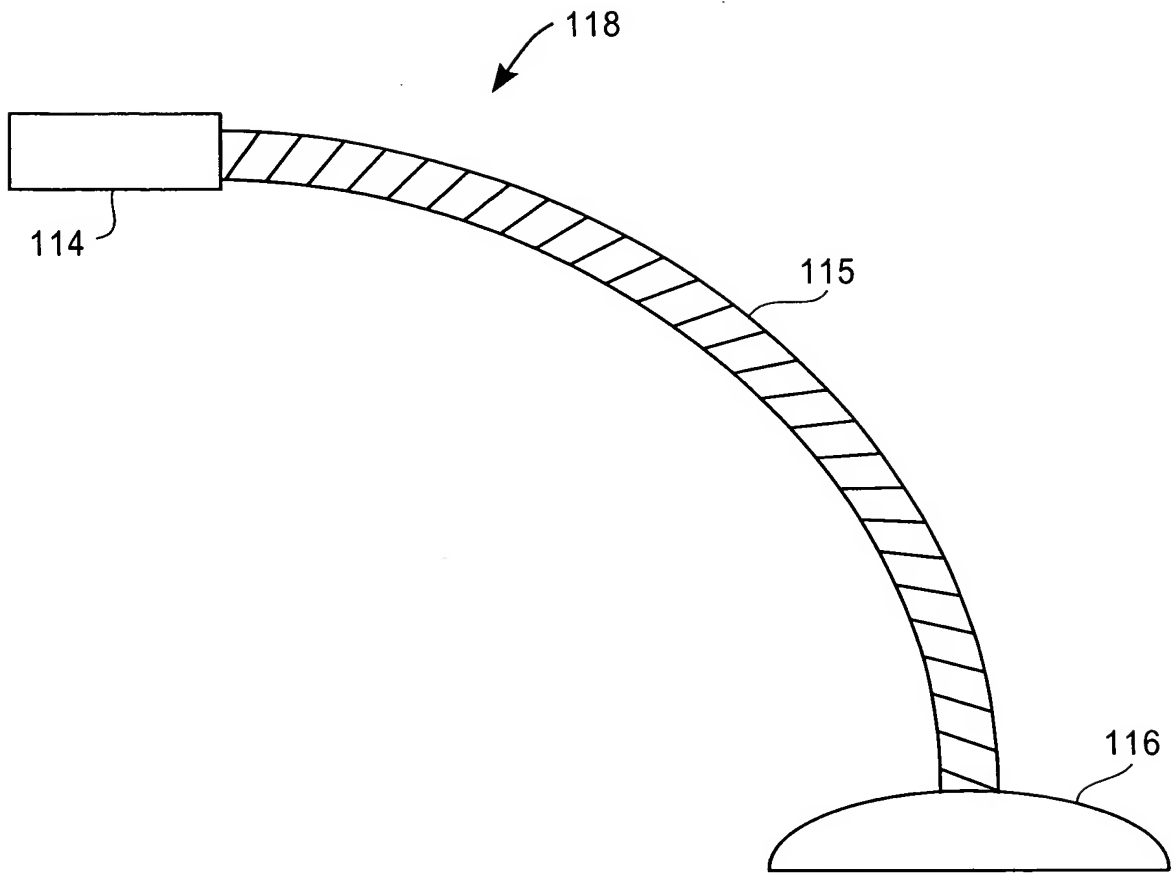


FIG. 1D (PRIOR ART)

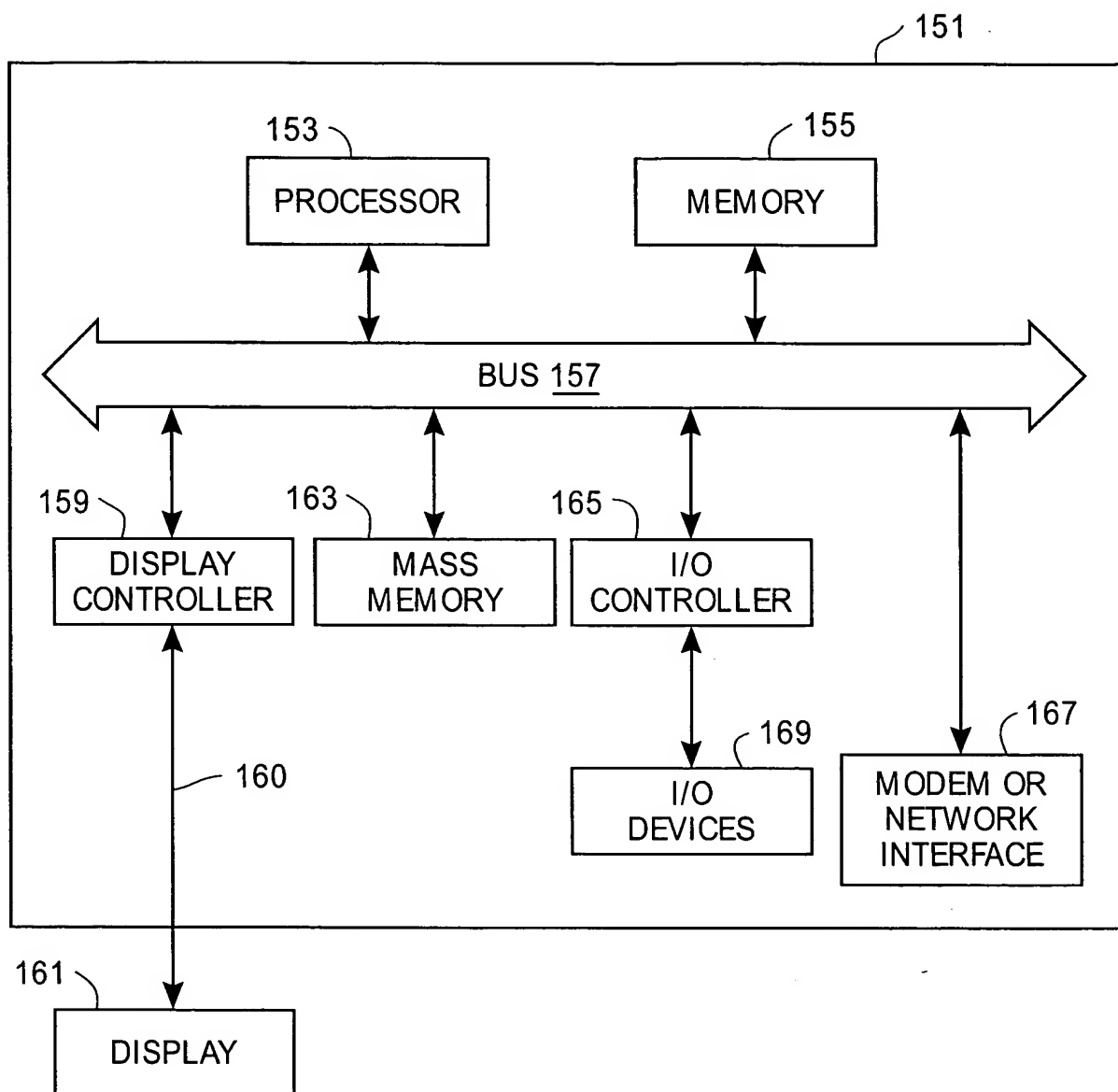
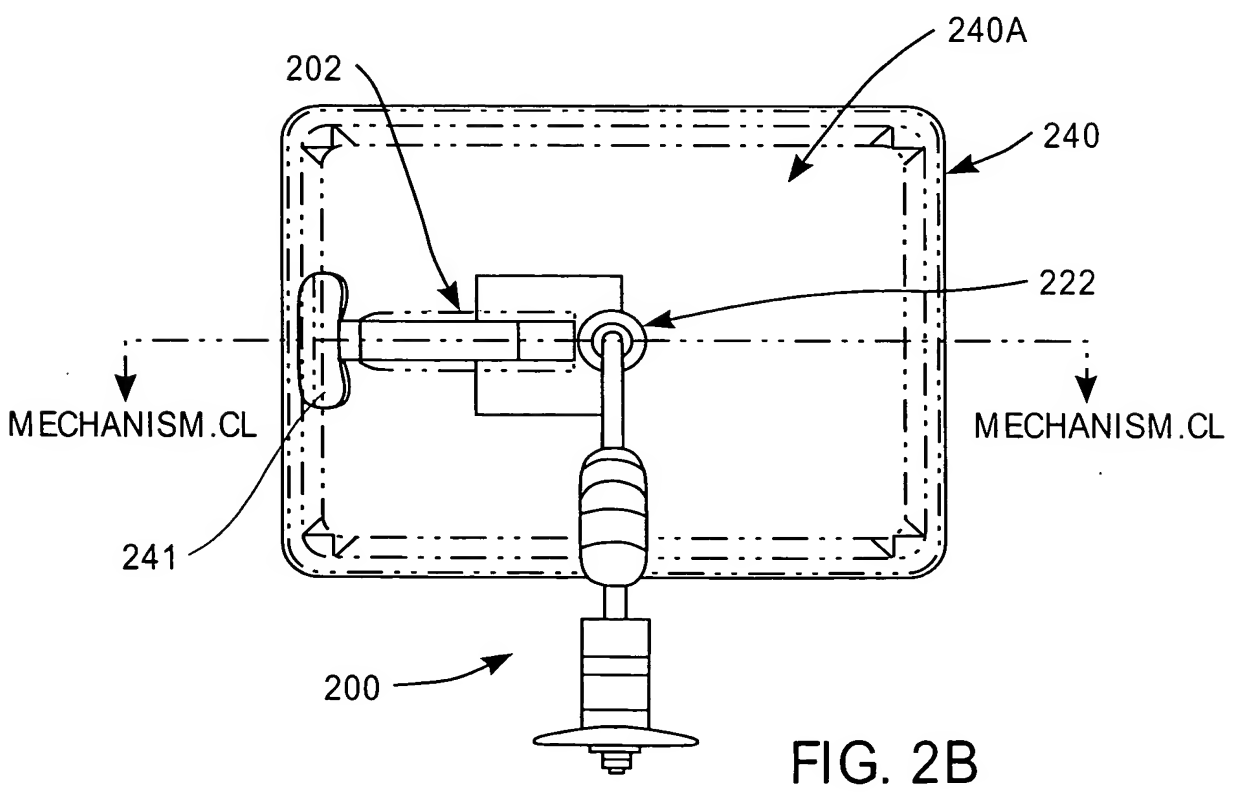
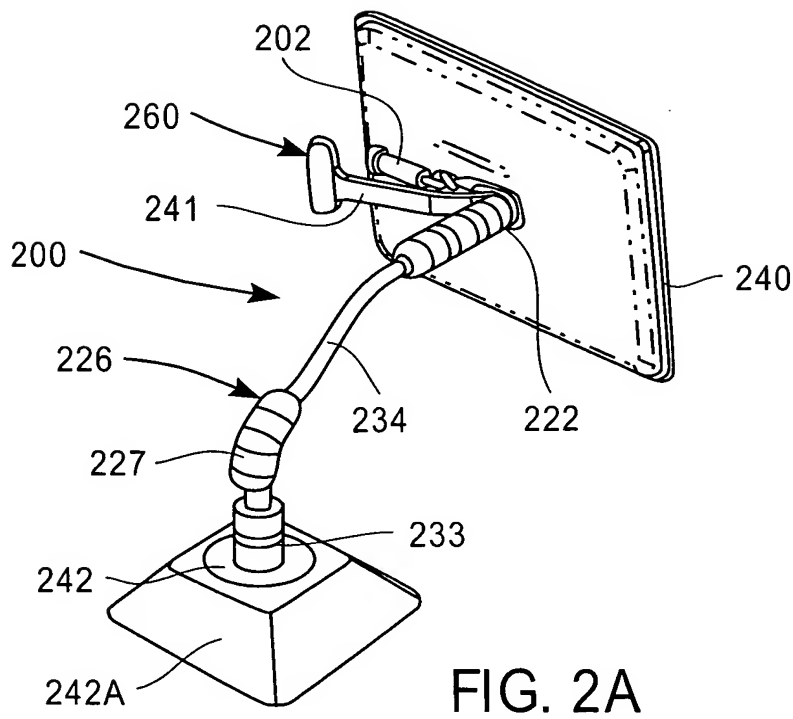


FIG. 1E



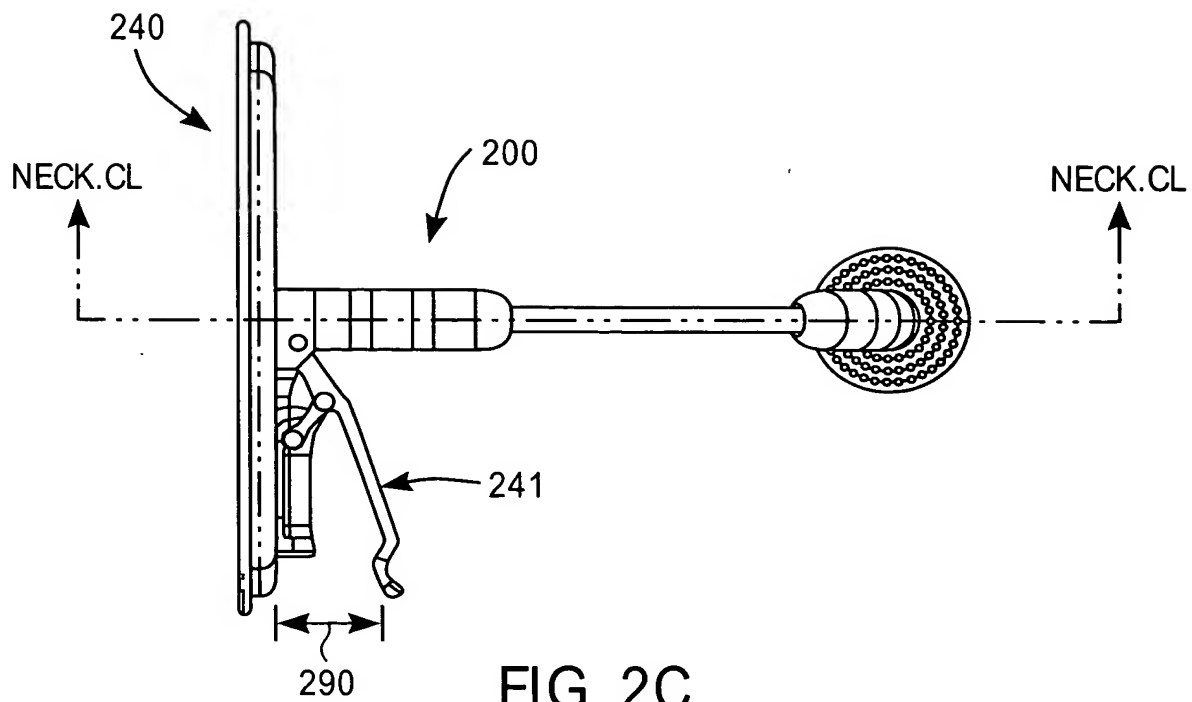
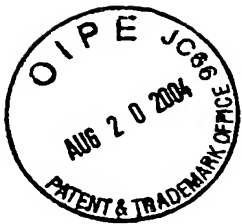


FIG. 2C

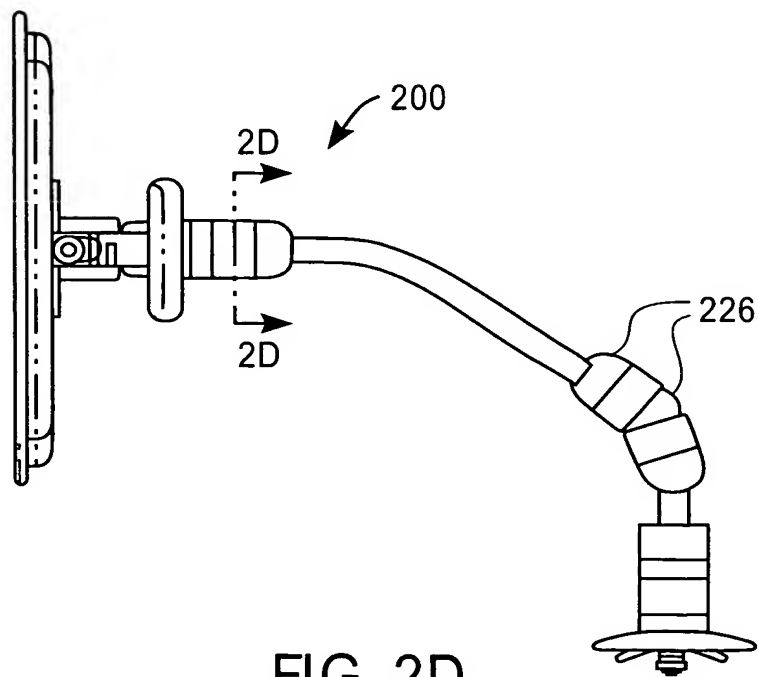


FIG. 2D

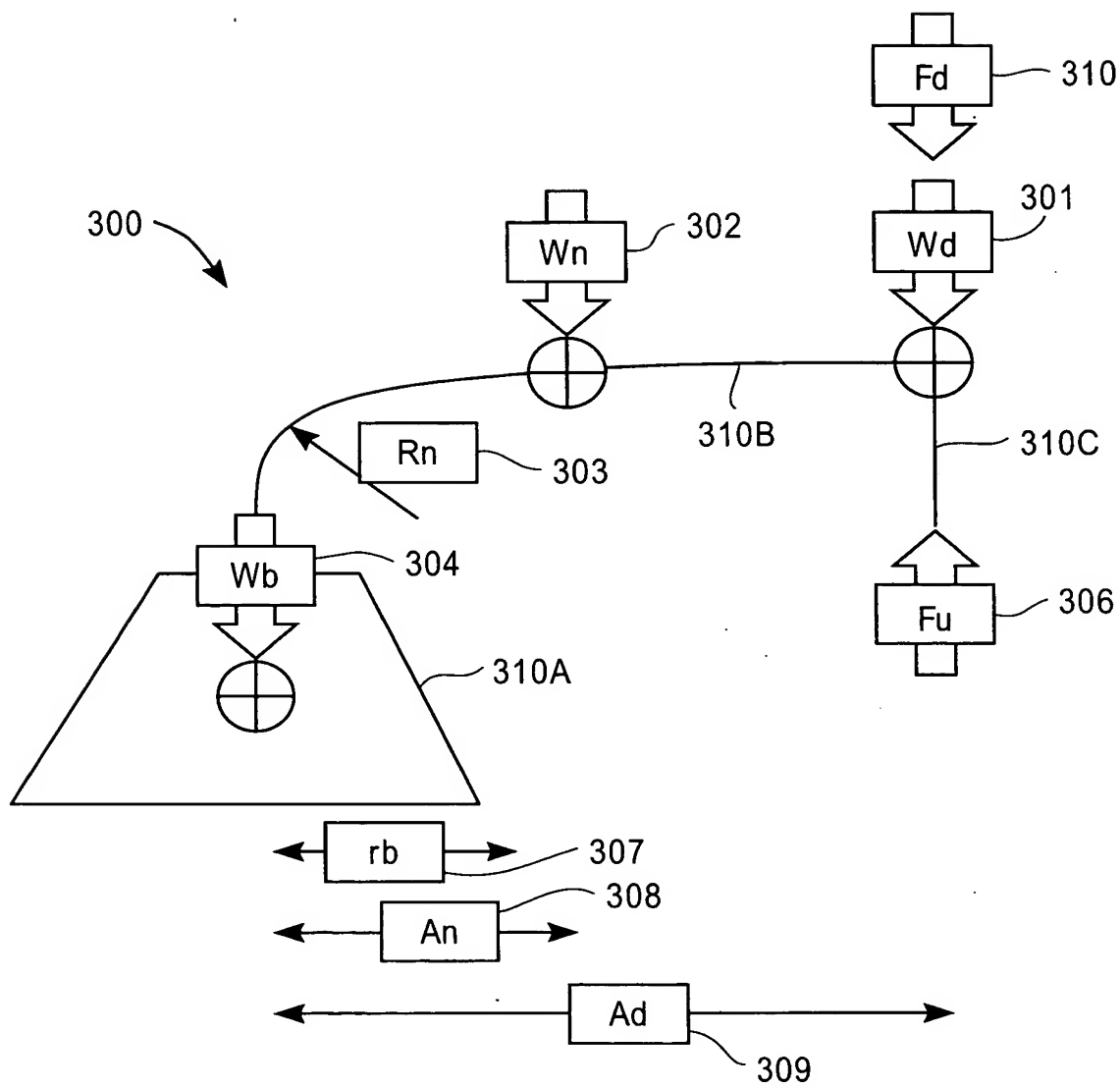


FIG. 3

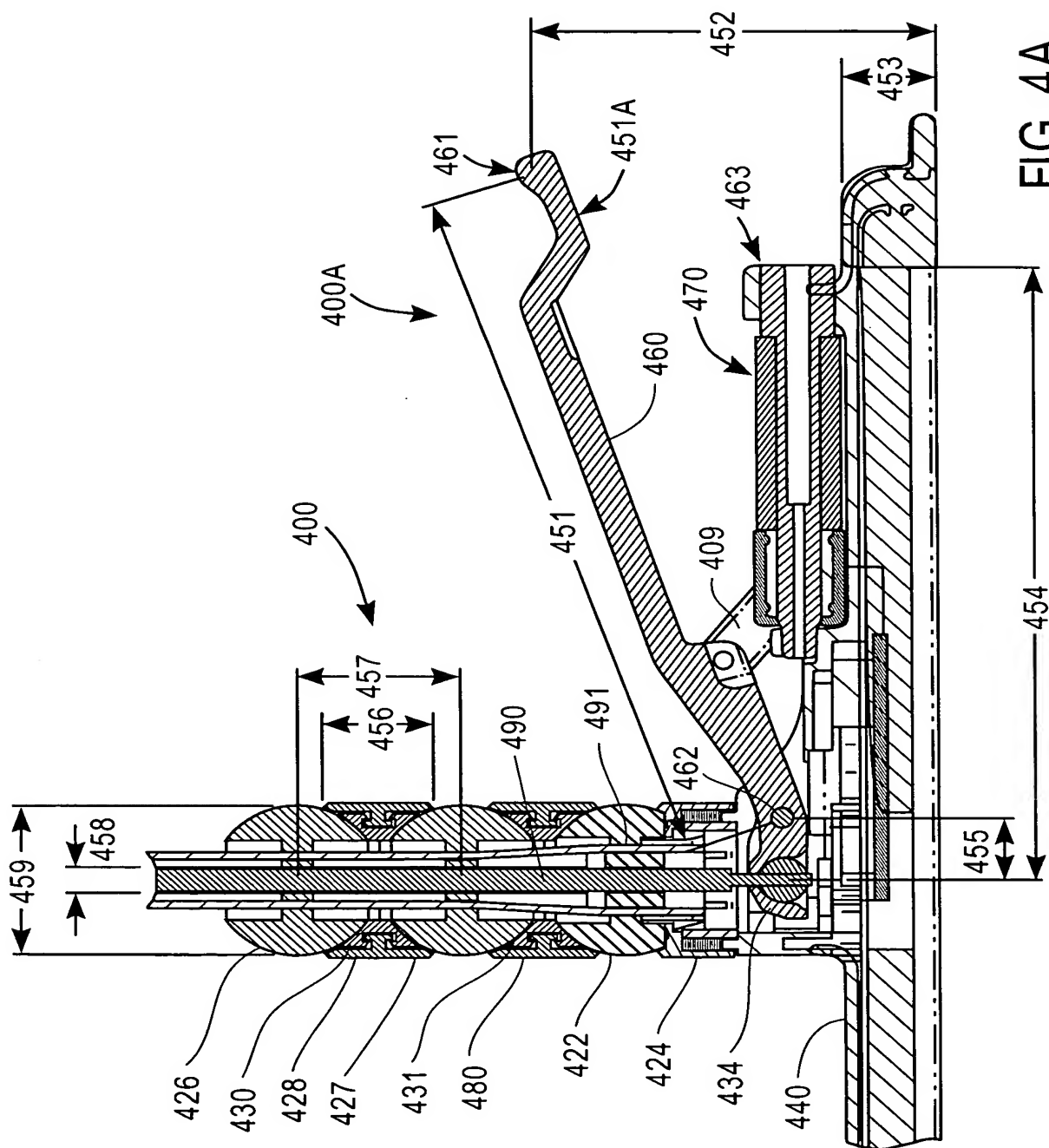


FIG. 4A

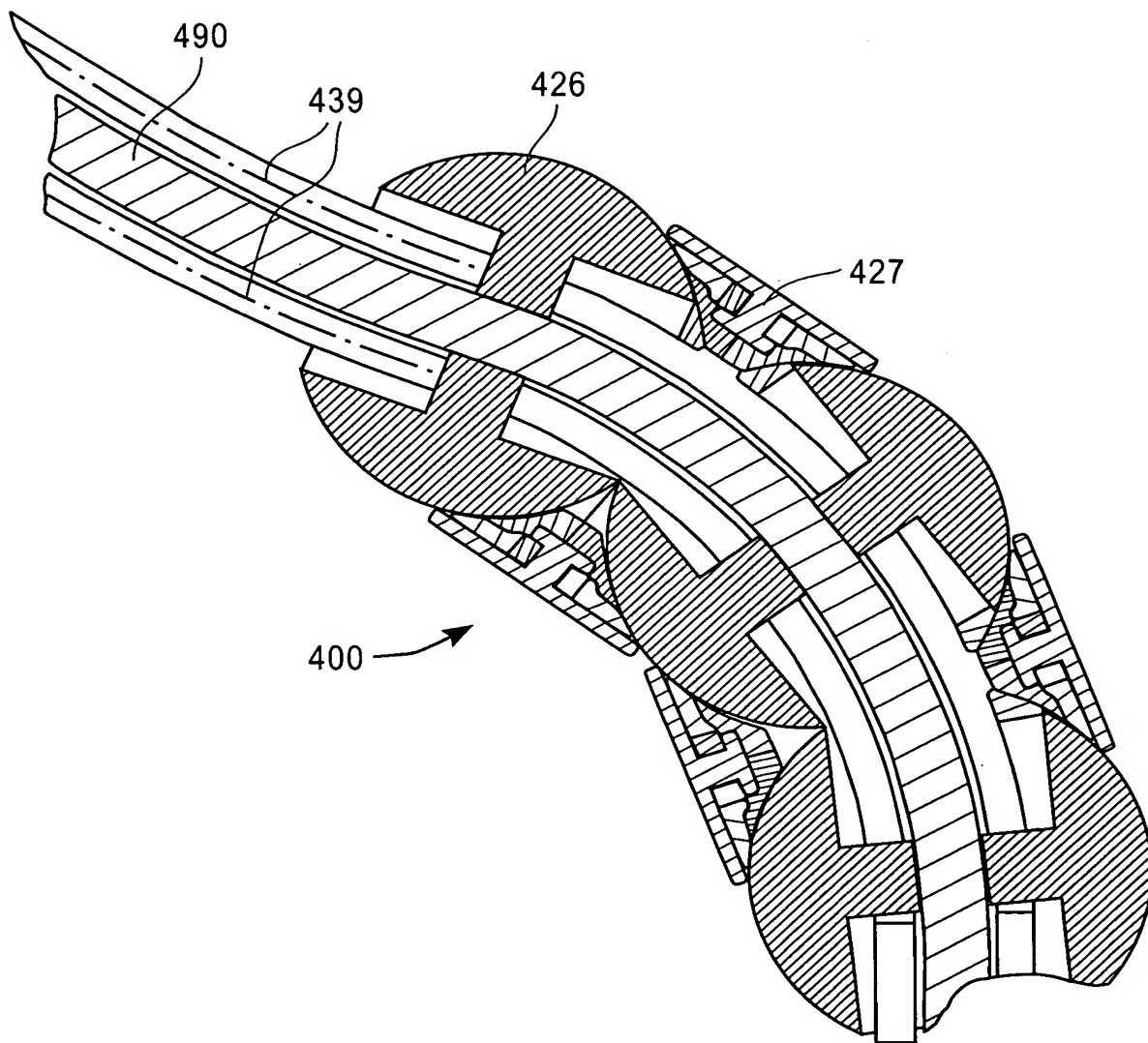
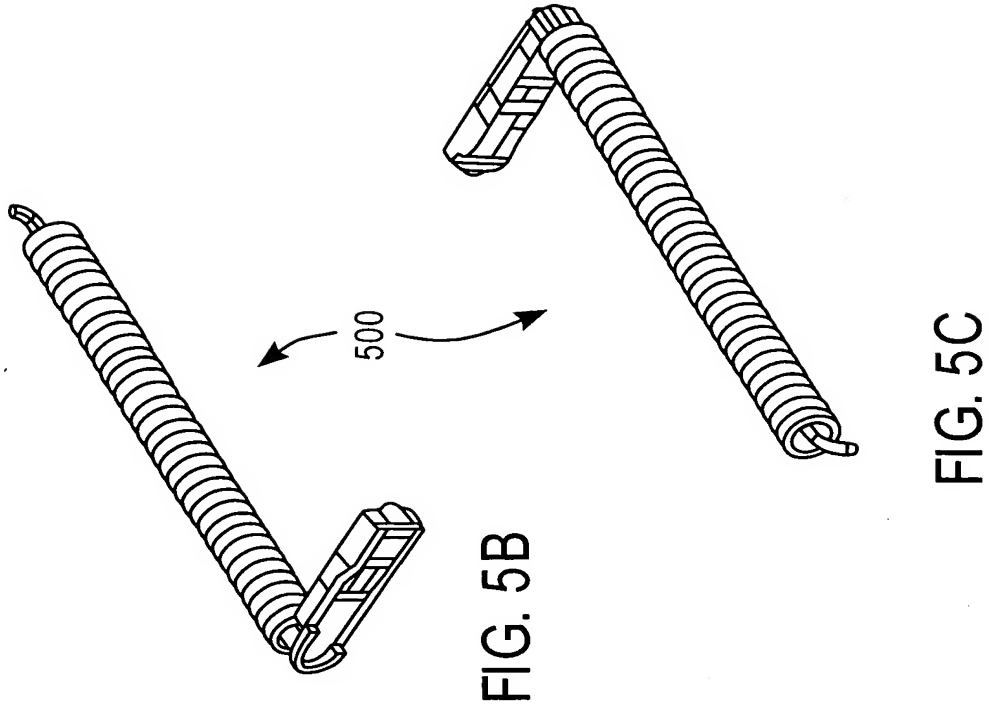
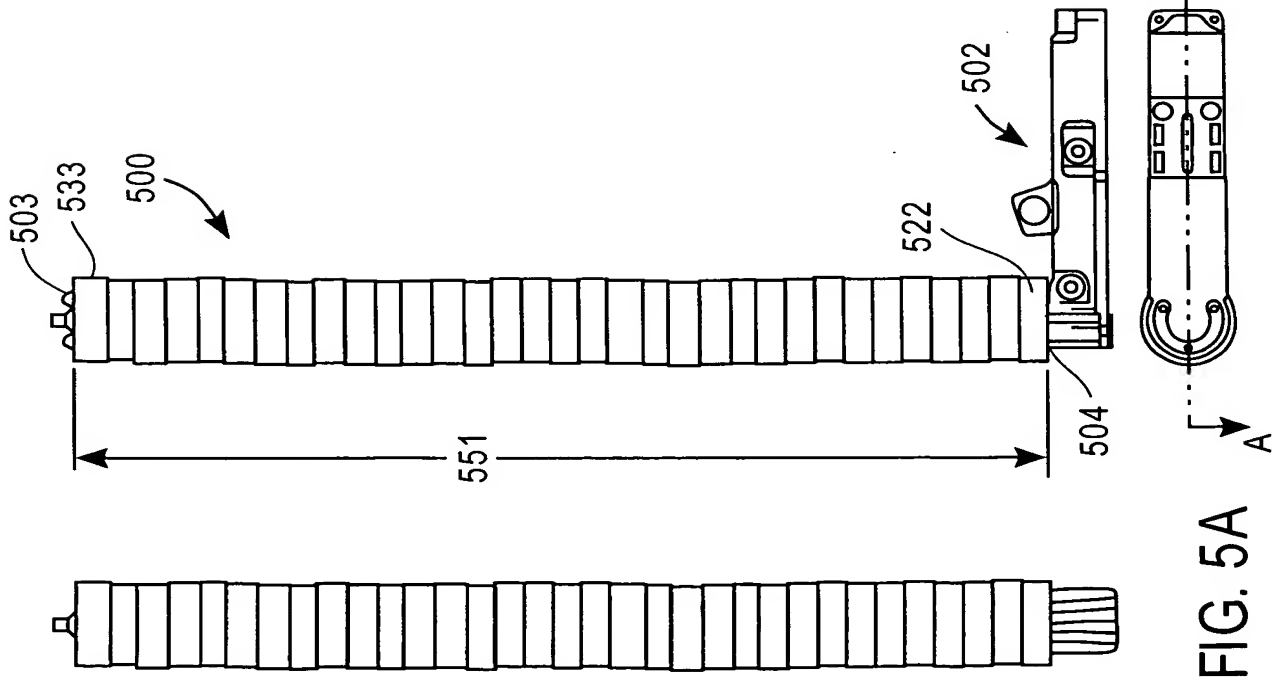


FIG. 4B



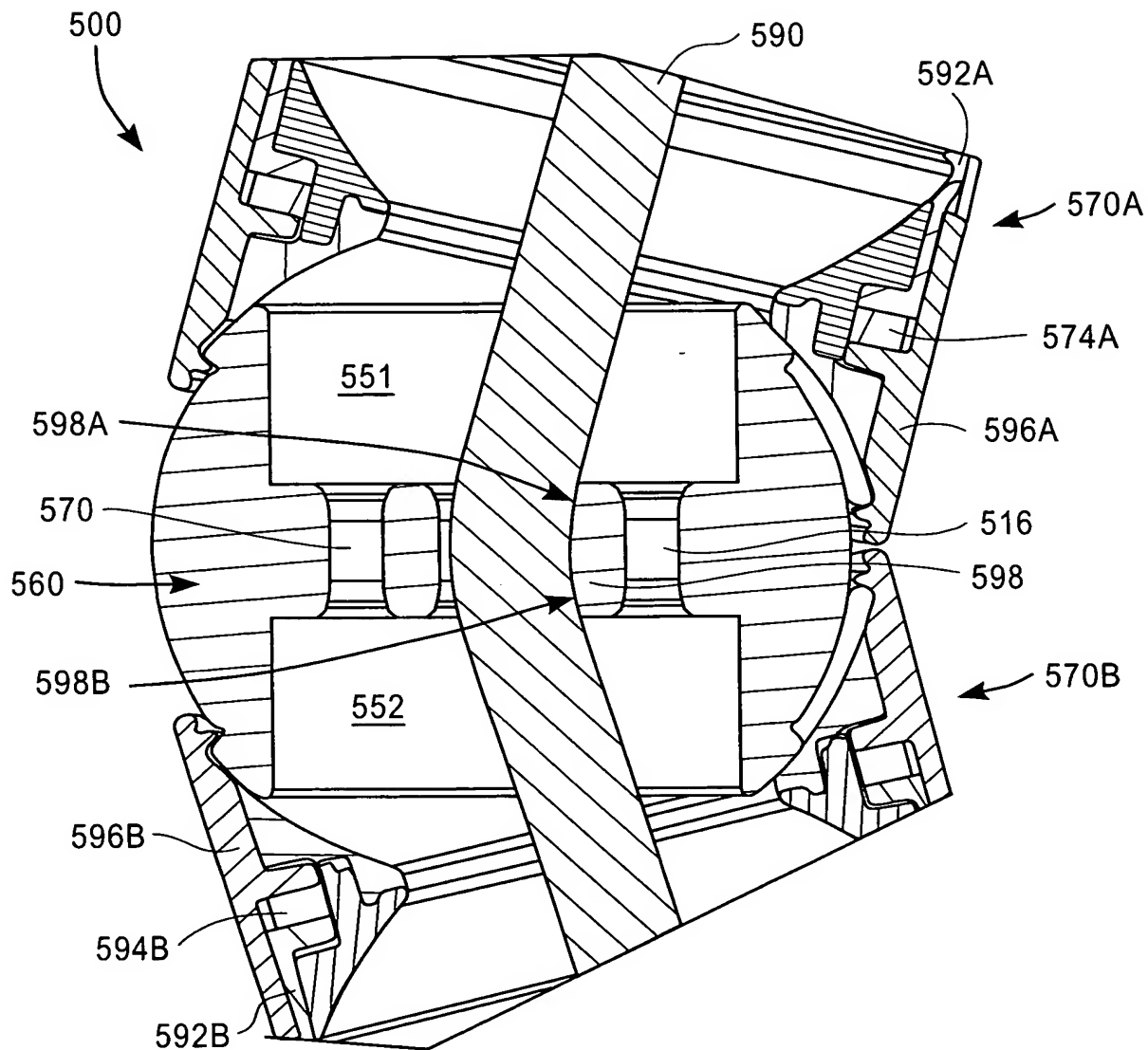


FIG. 5D

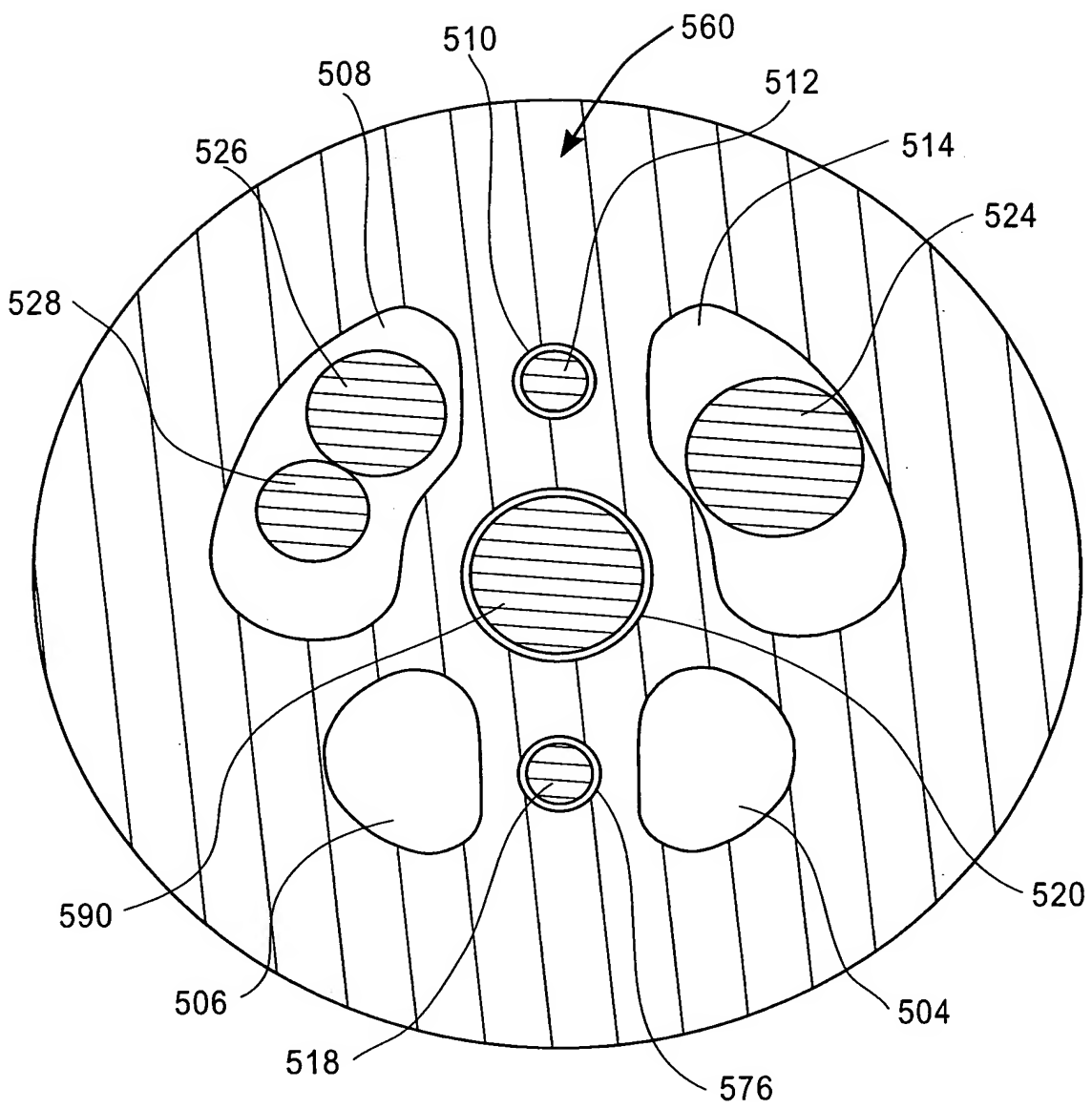


FIG. 5E

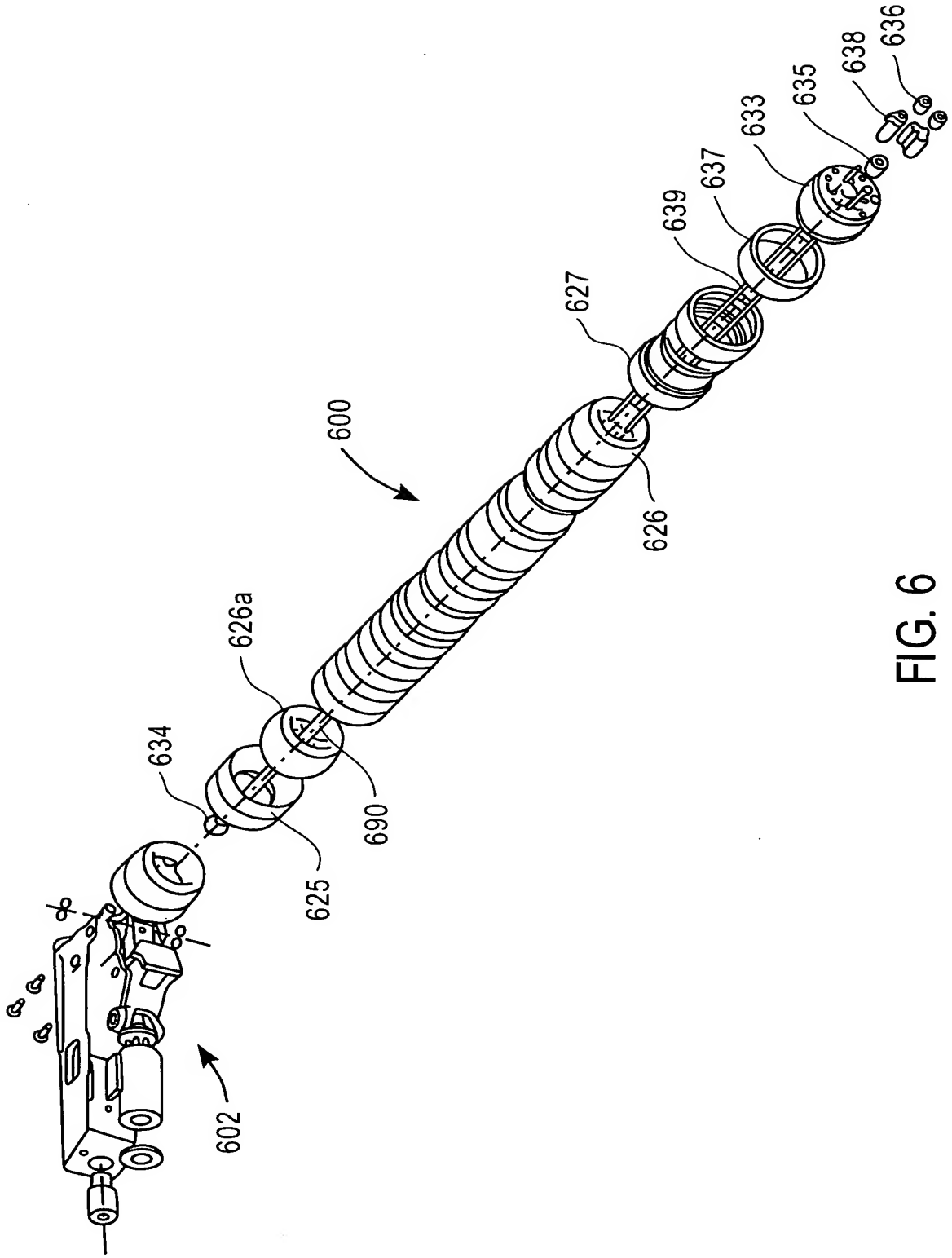


FIG. 6

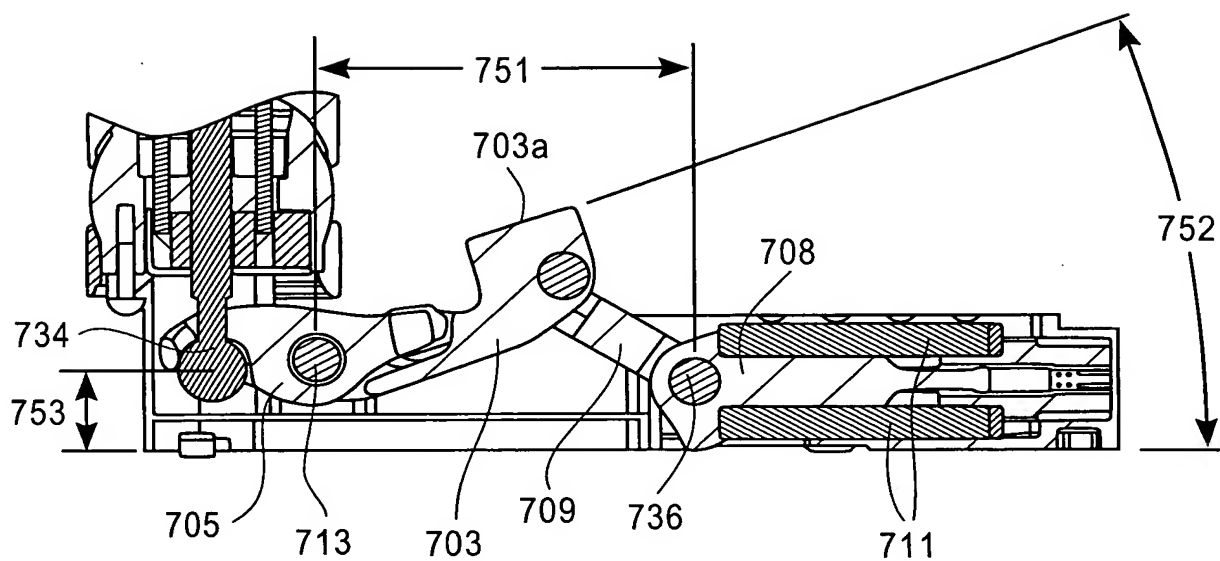


FIG. 7A

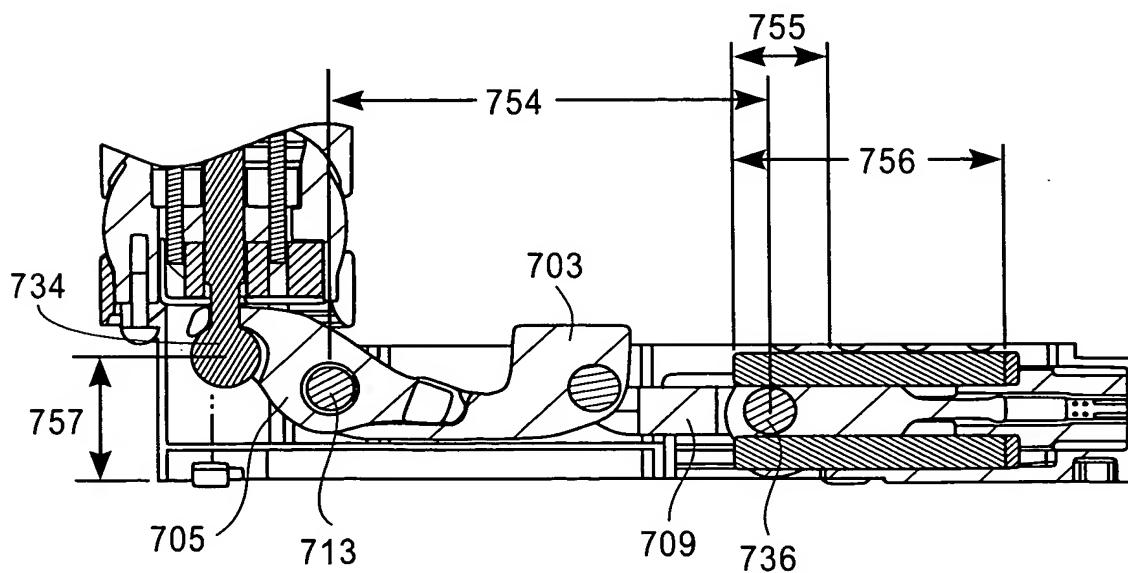


FIG. 7B

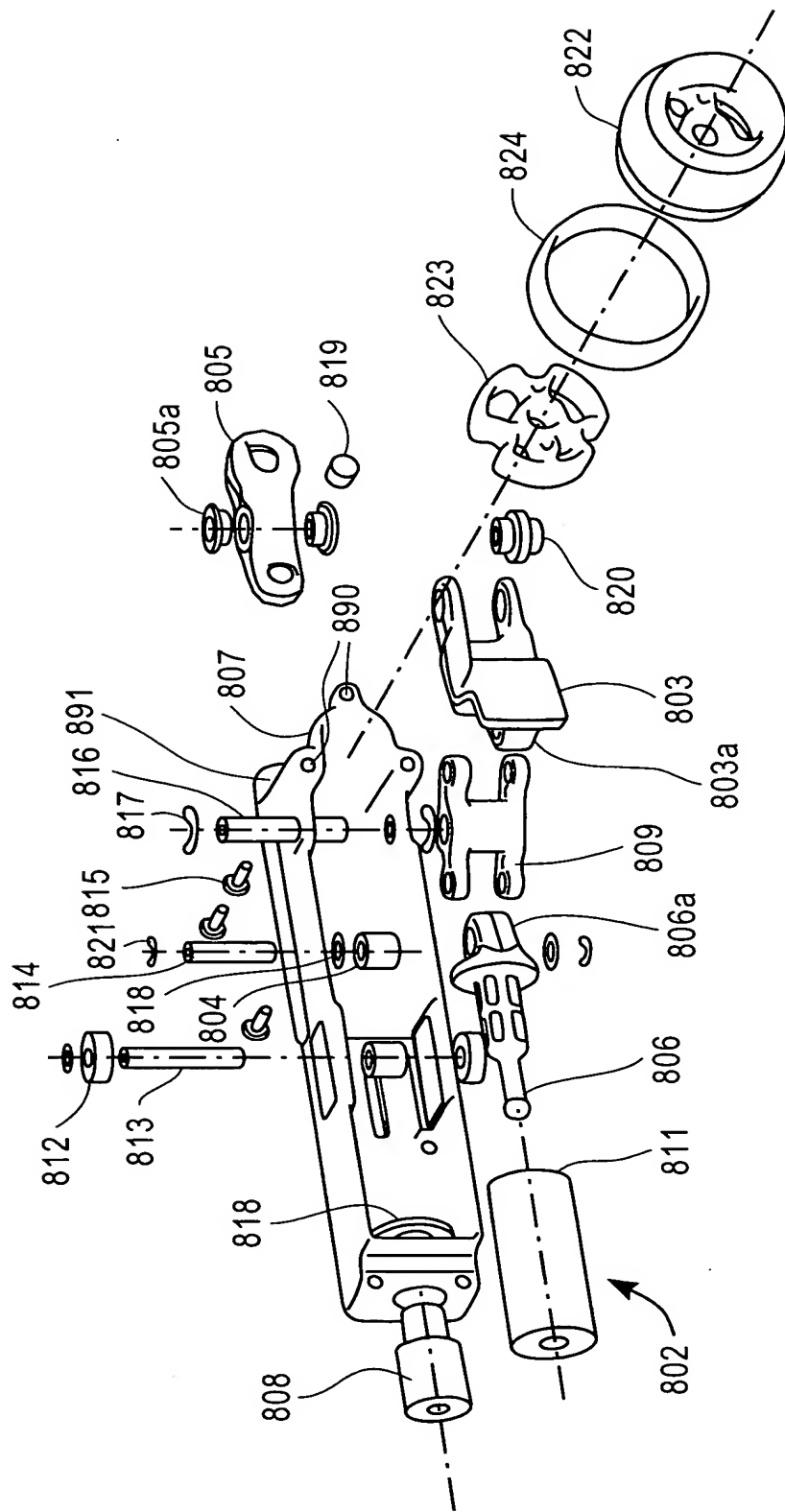


FIG. 8

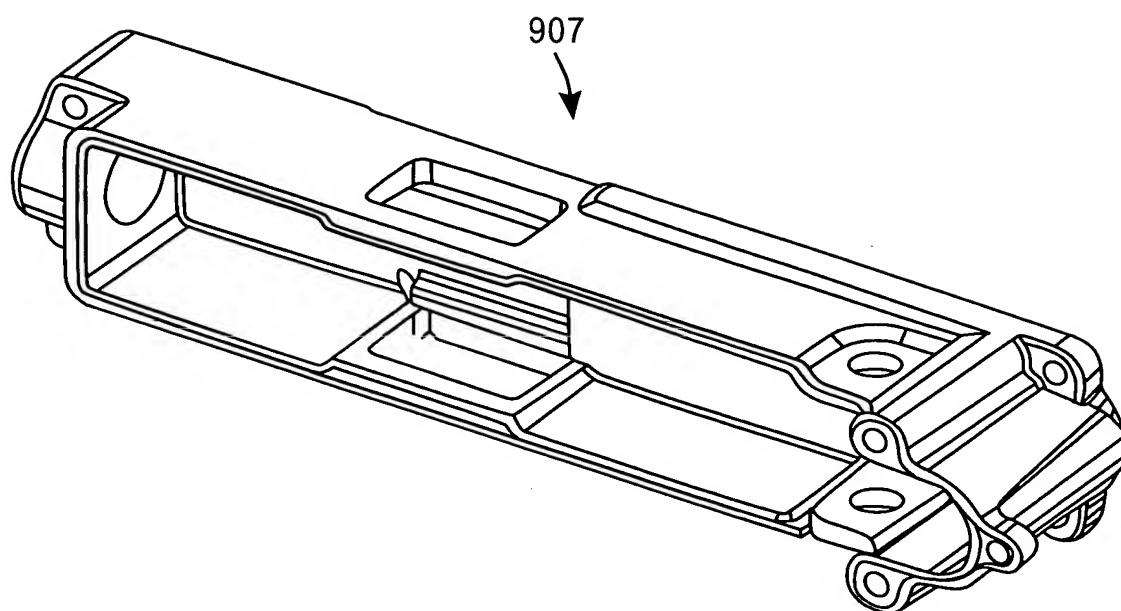


FIG. 9A

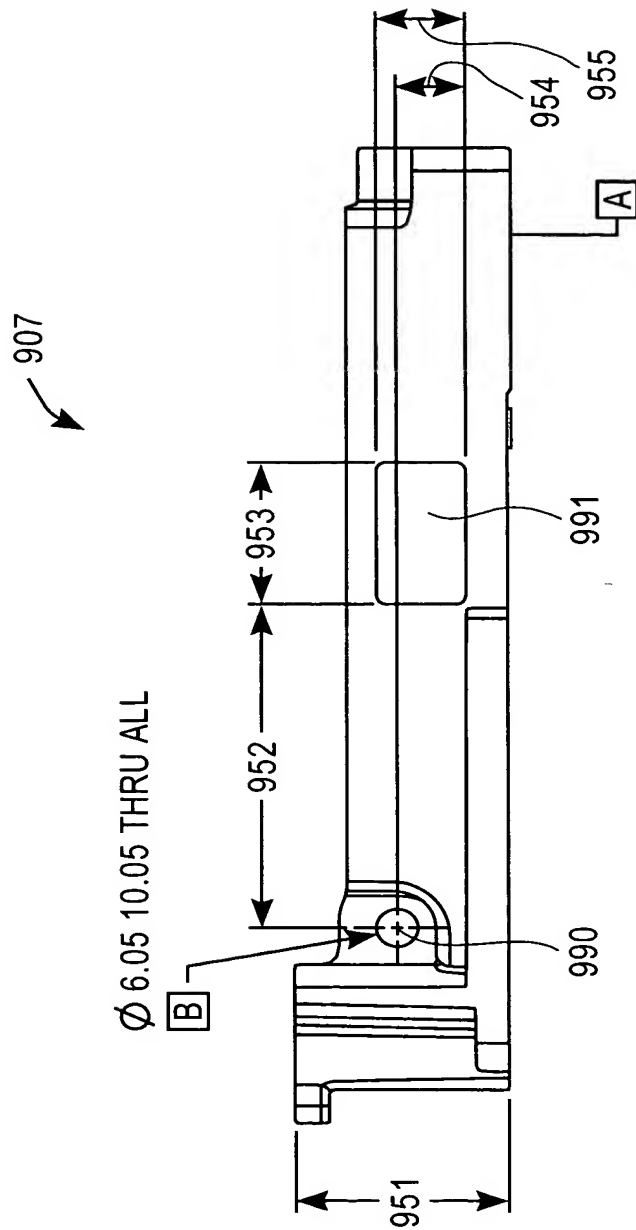


FIG. 9B

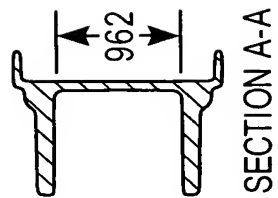
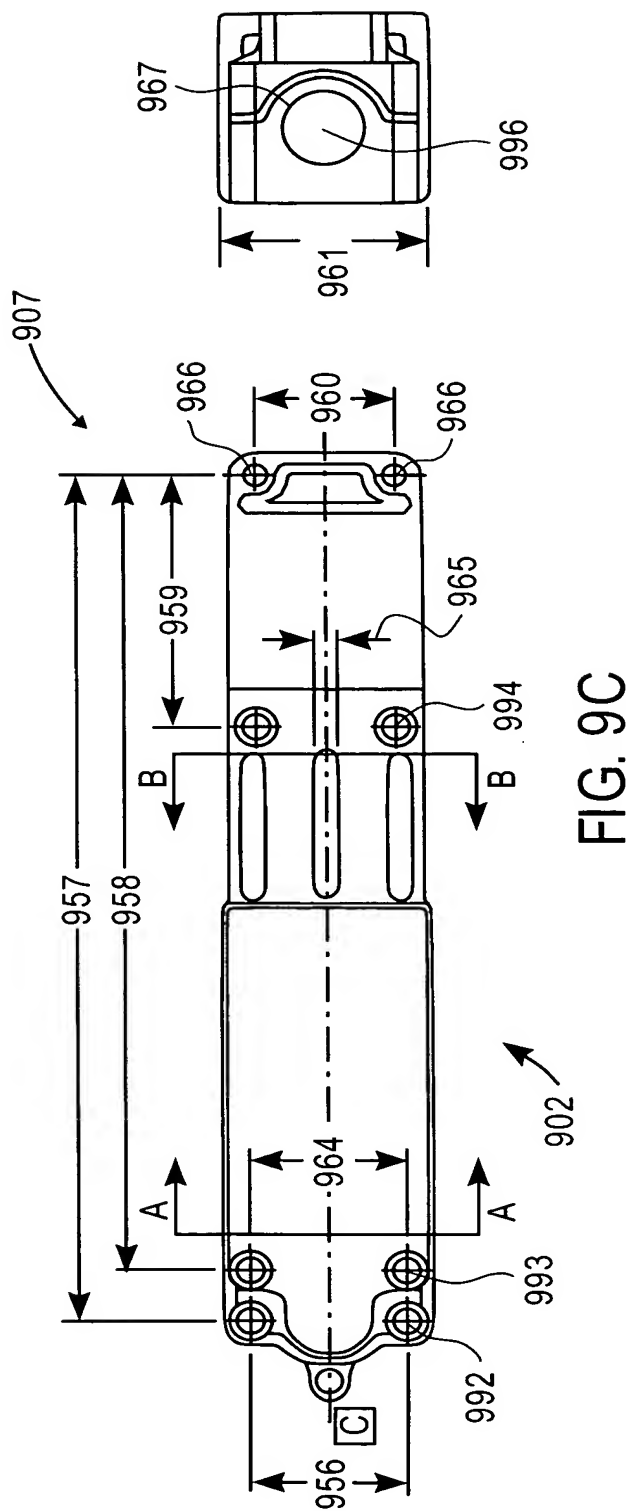


FIG. 9D

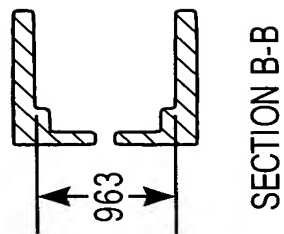


FIG. 9E

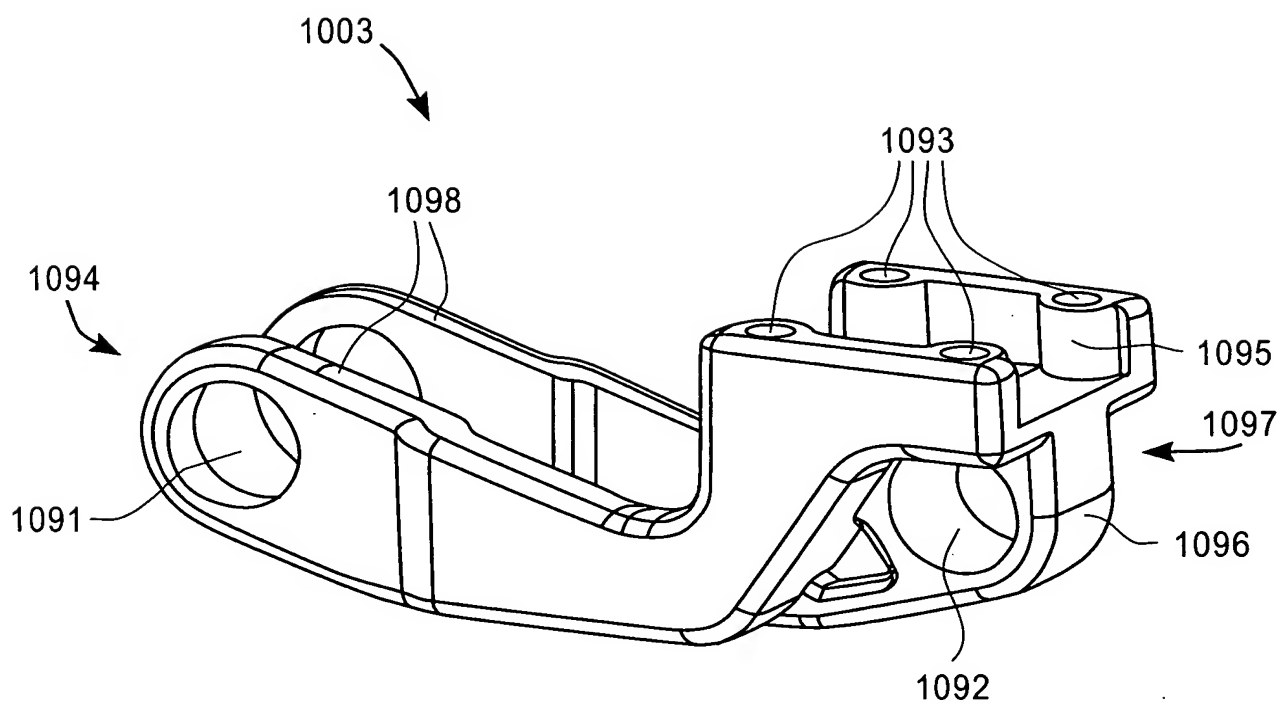


FIG. 10A

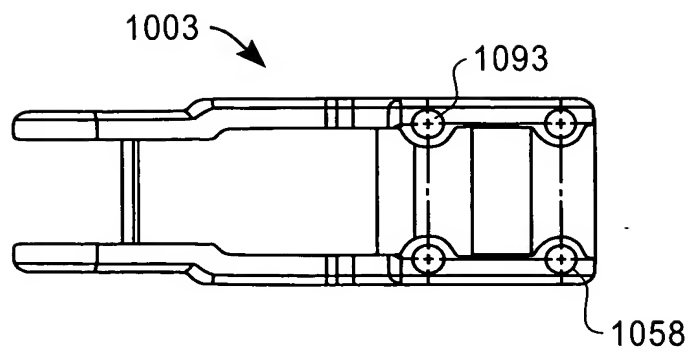


FIG. 10B

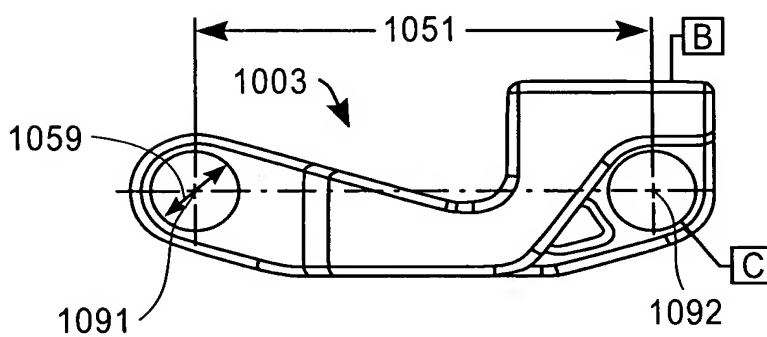


FIG. 10C

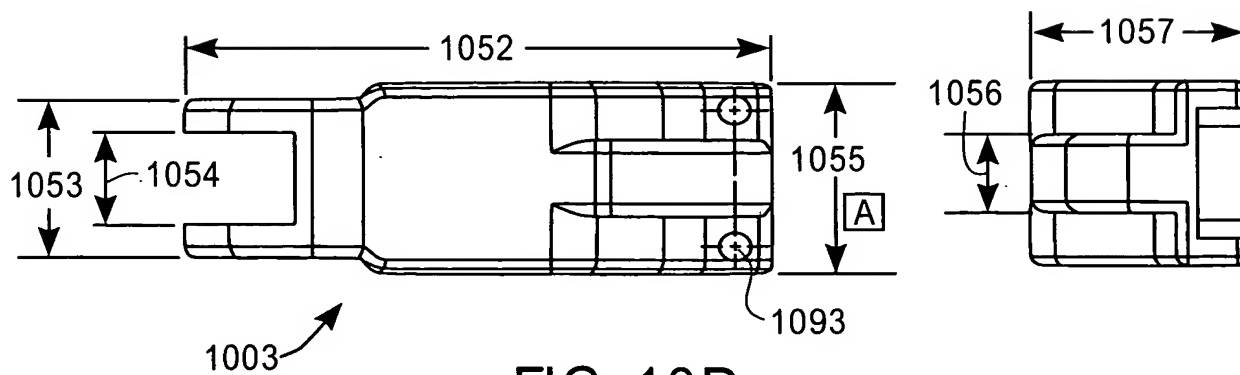


FIG. 10D

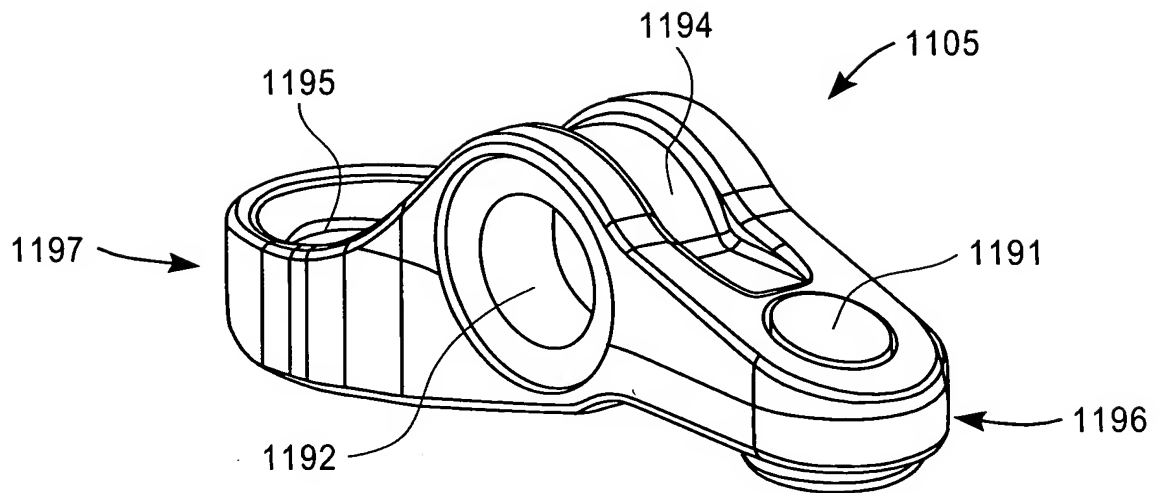


FIG. 11A

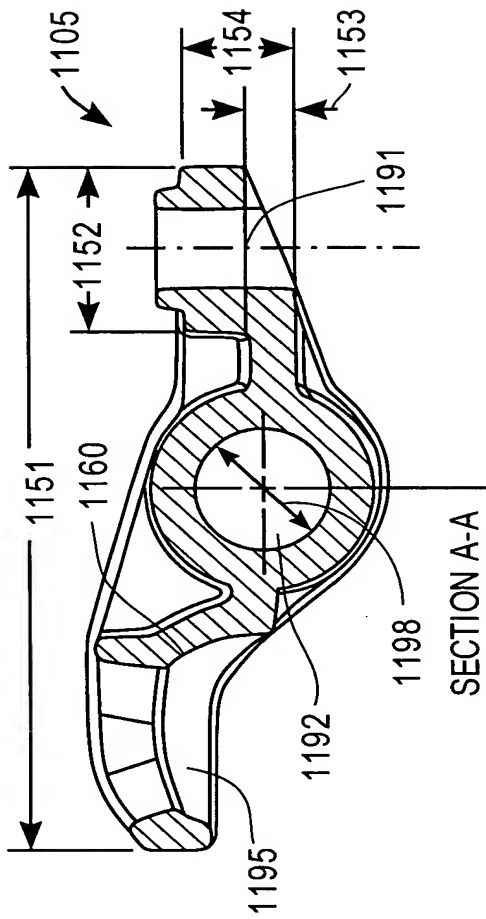


FIG. 11B

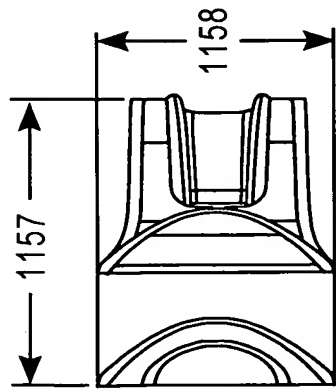


FIG. 11D

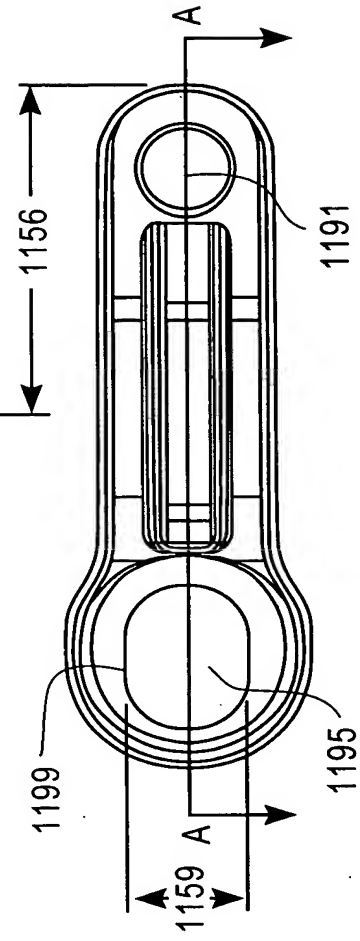


FIG. 11C

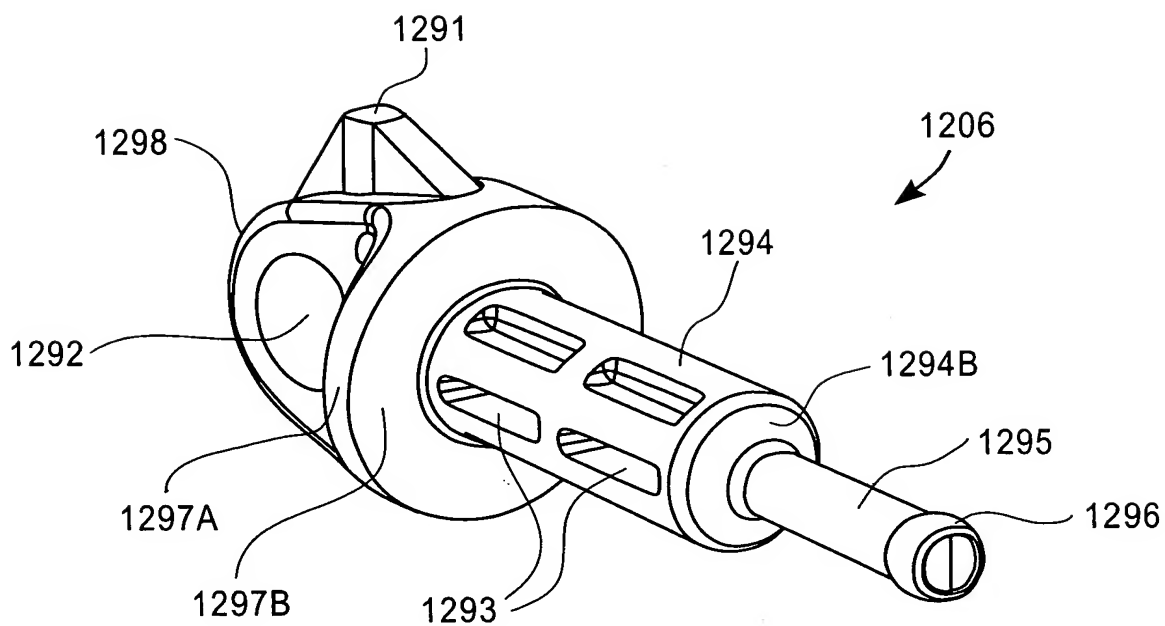


FIG. 12A

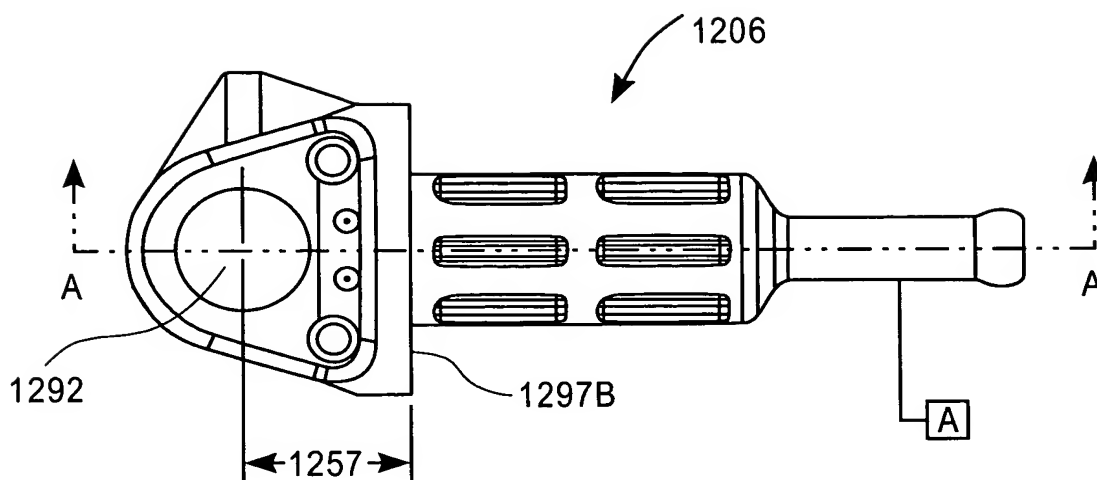
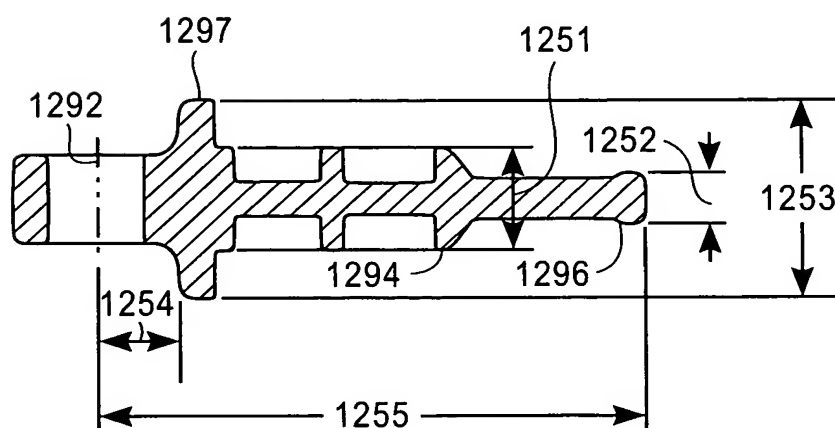


FIG. 12B



SECTION A-A
FIG. 12C

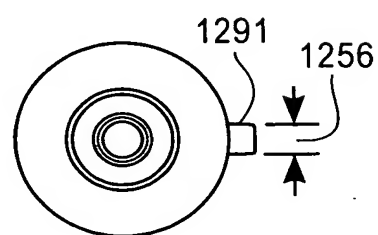


FIG. 12D

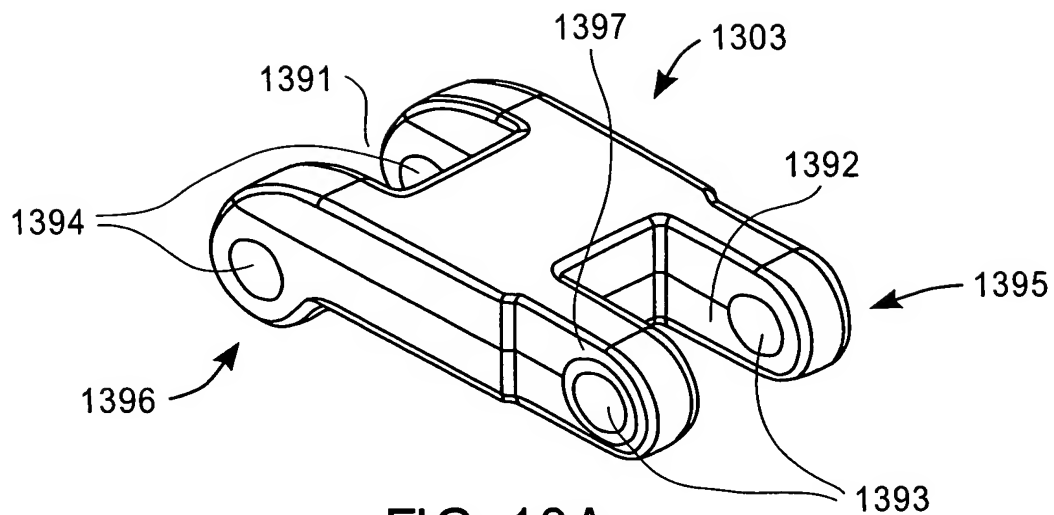


FIG. 13A

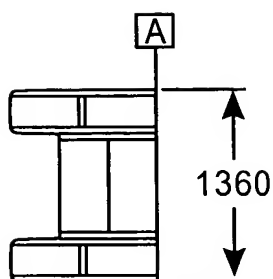


FIG. 13D

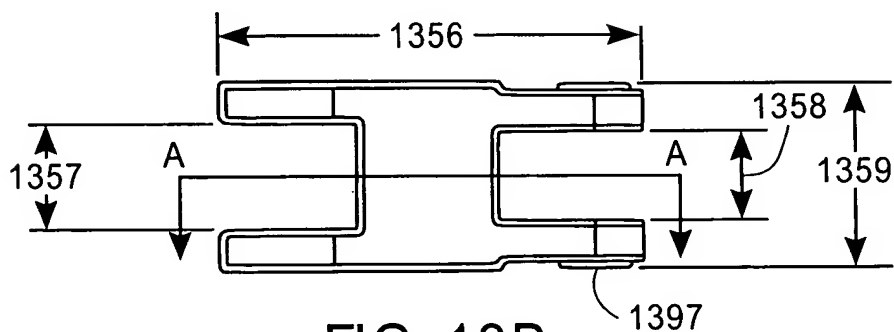
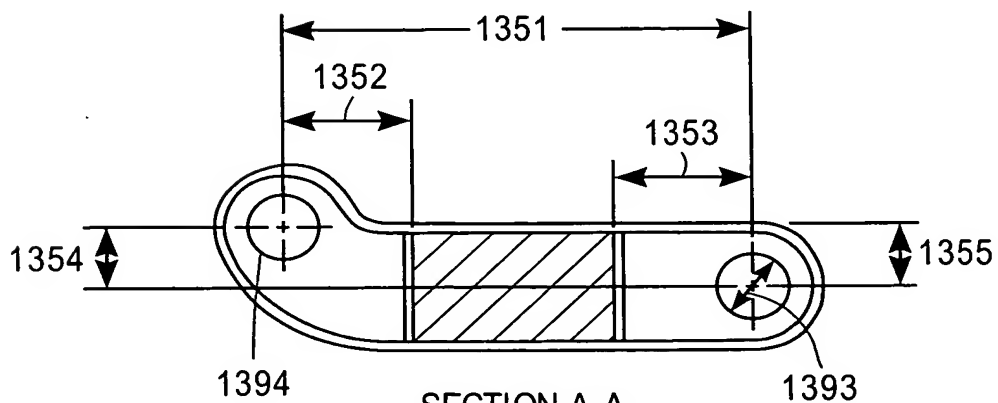


FIG. 13B



SECTION A-A
FIG. 13C

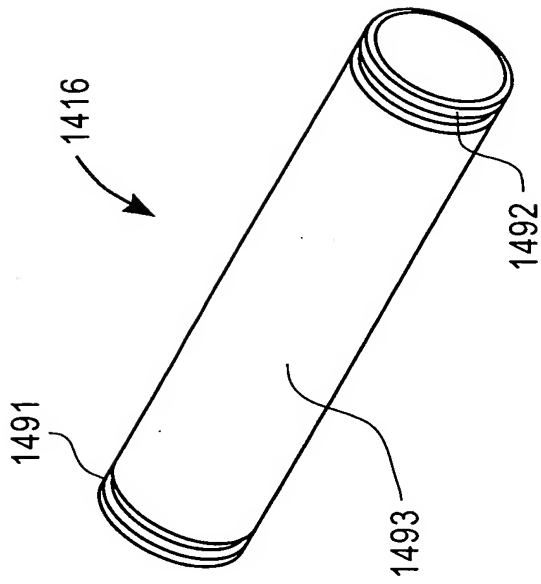


FIG. 14A

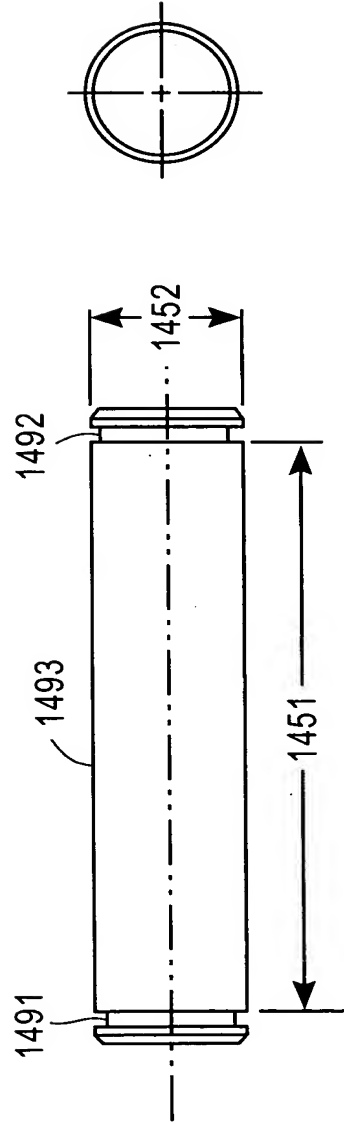


FIG. 14B

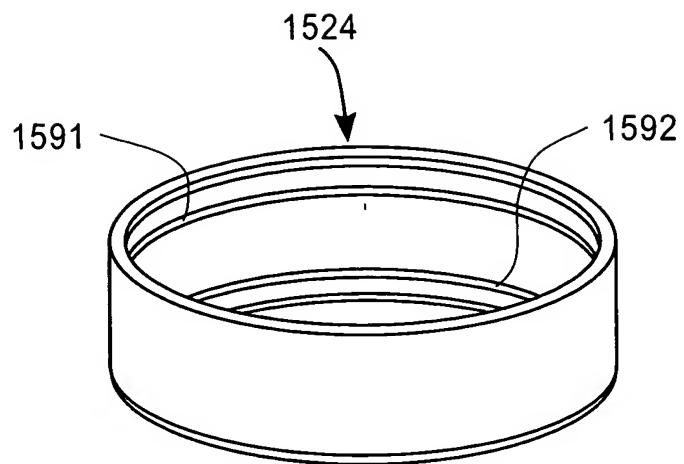
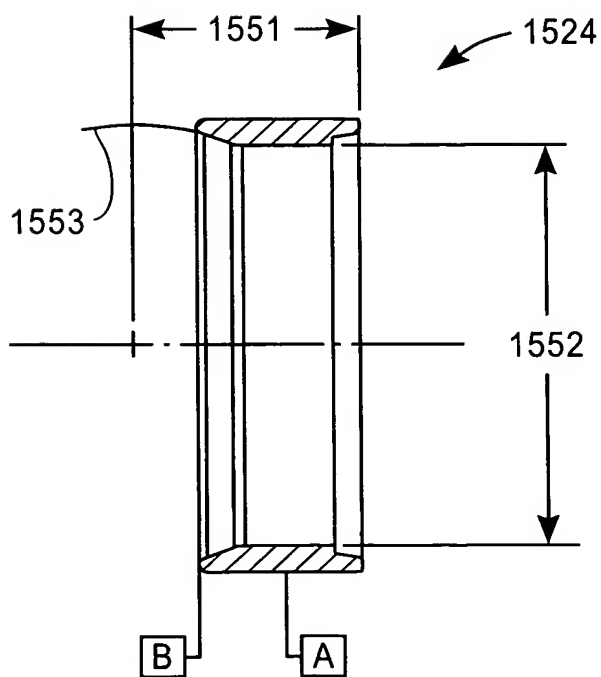


FIG. 15A



SECTION A-A
FIG. 15B

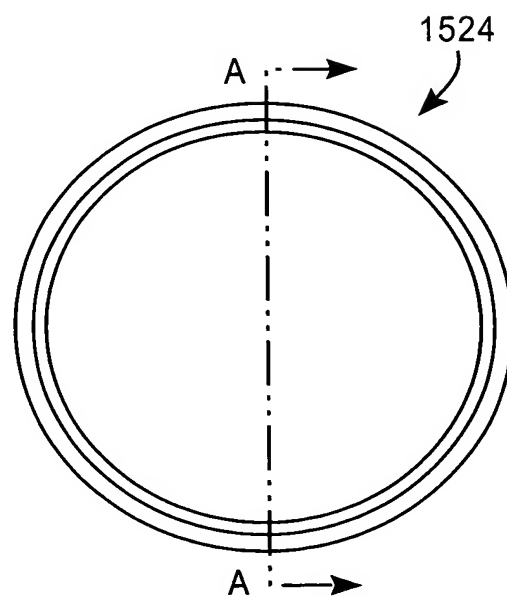


FIG. 15C

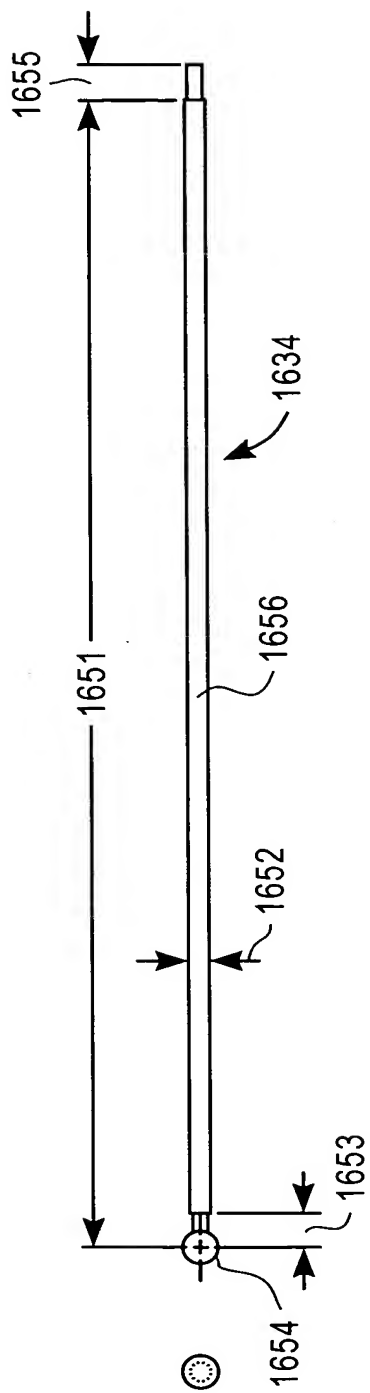


FIG. 16

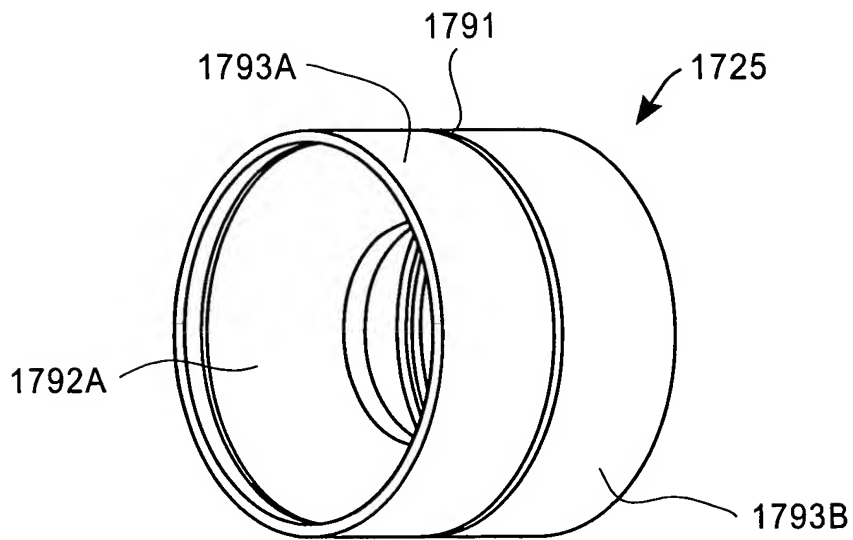


FIG. 17A

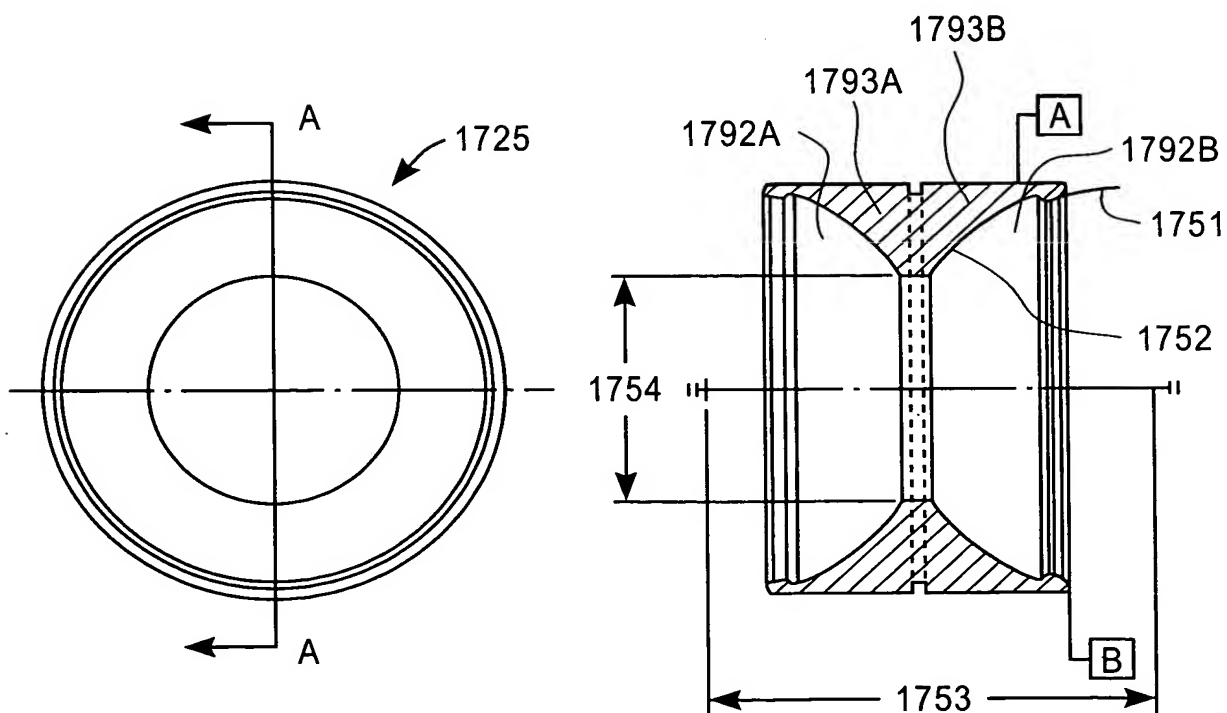


FIG. 17B

SECTION A-A
FIG. 17C

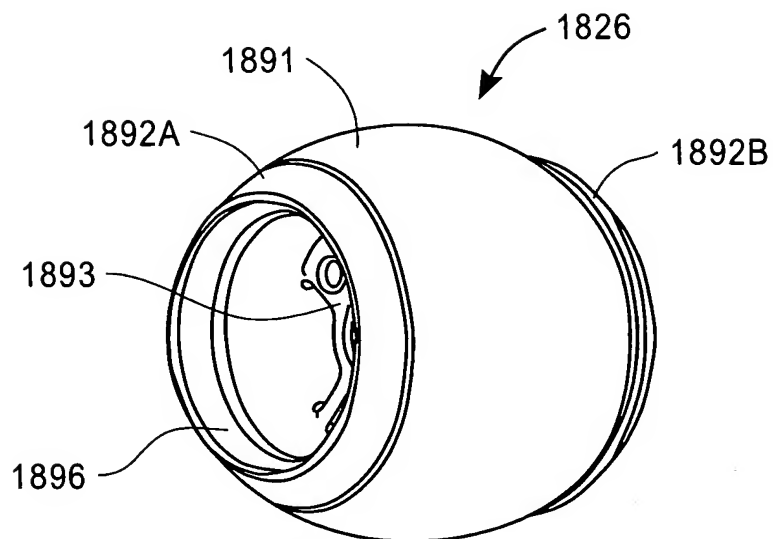


FIG. 18A

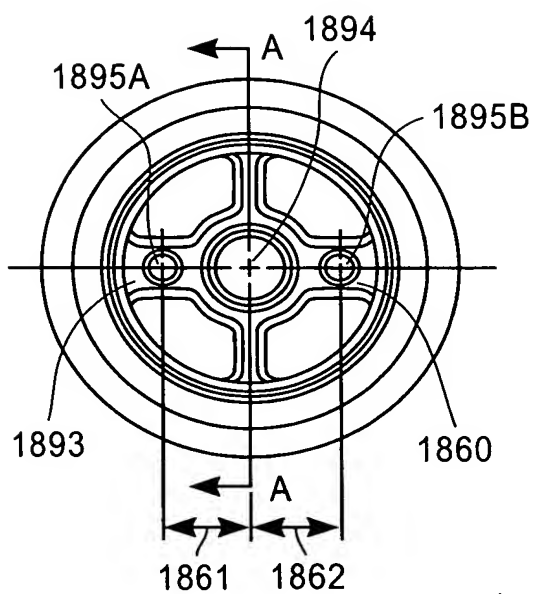
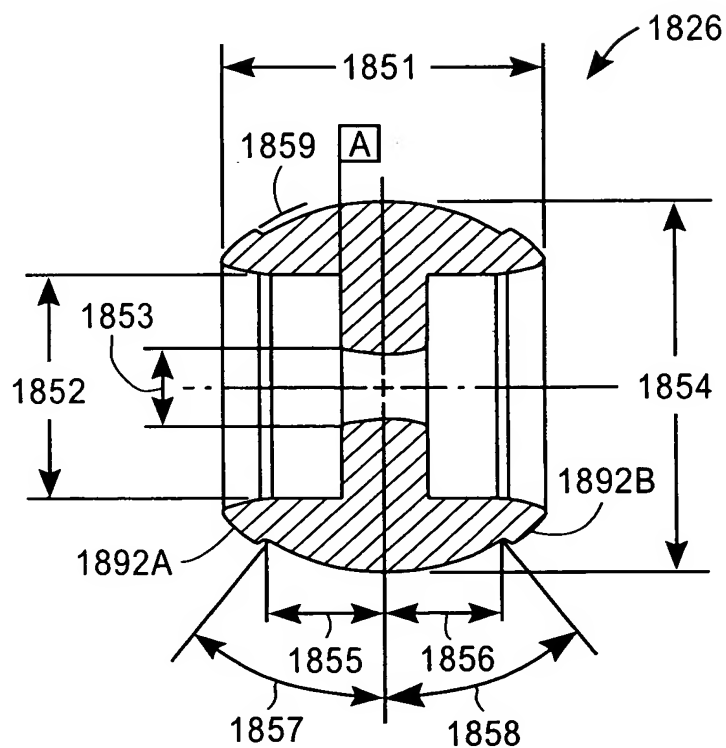


FIG. 18B



SECTION A-A

FIG. 18C

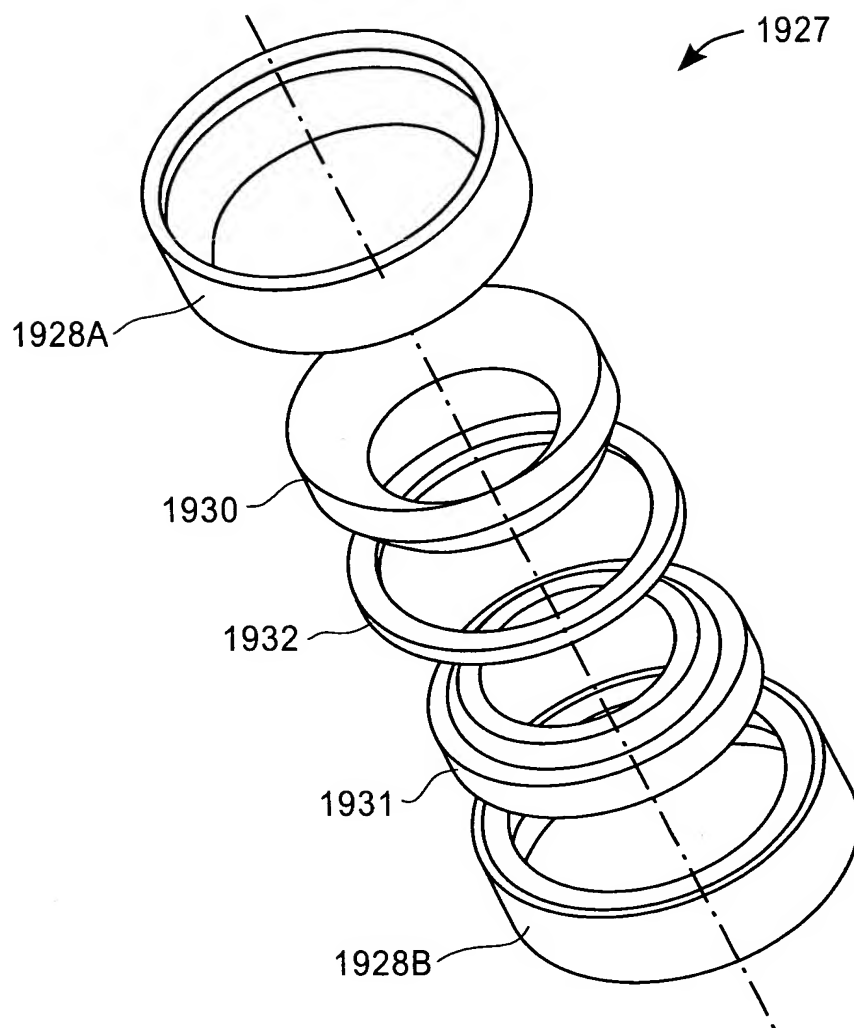
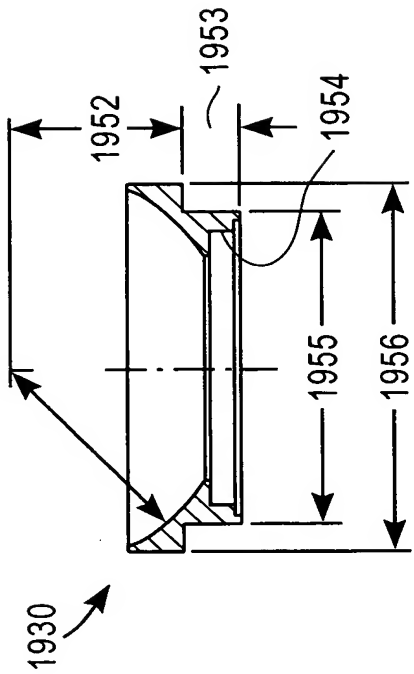


FIG. 19A



SECTION A-A
FIG. 19C

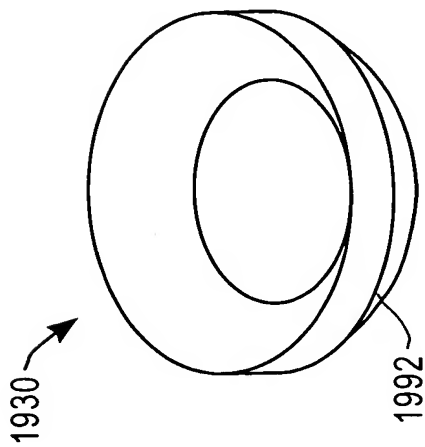


FIG. 19B

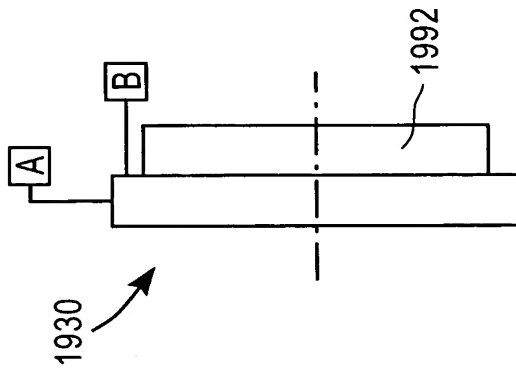


FIG. 19E

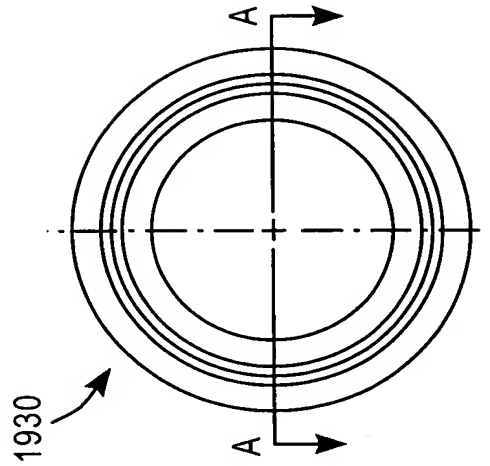


FIG. 19F

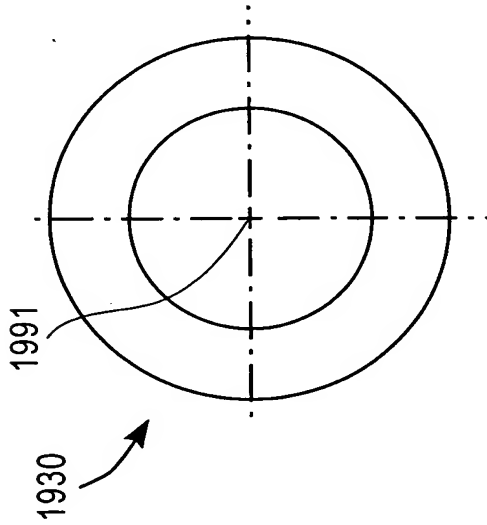
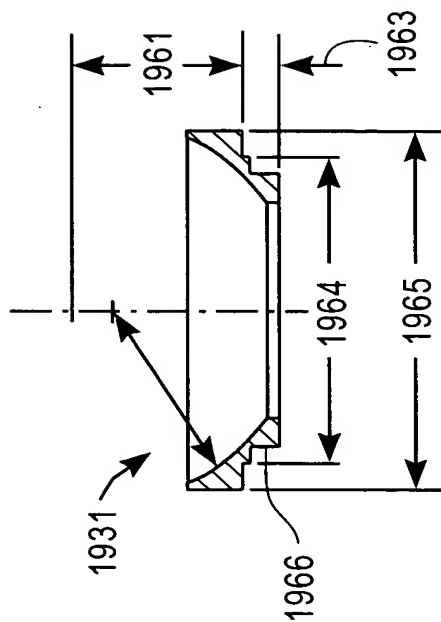


FIG. 19D



SECTION A-A
FIG. 19H

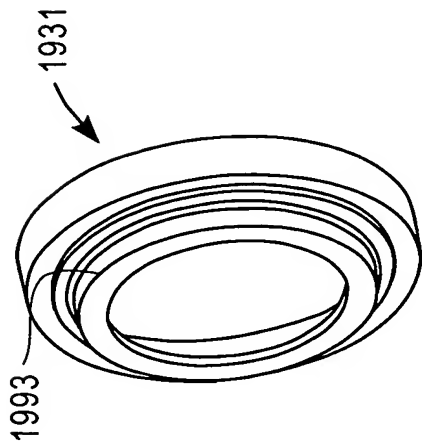


FIG. 19G

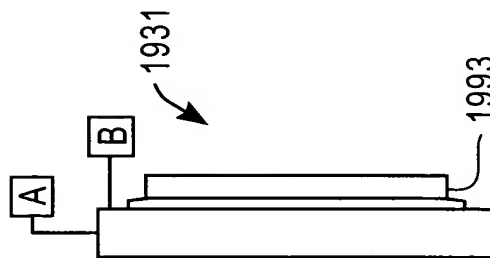


FIG. 19J

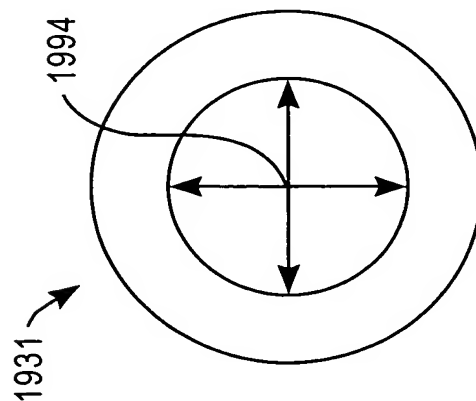


FIG. 19I

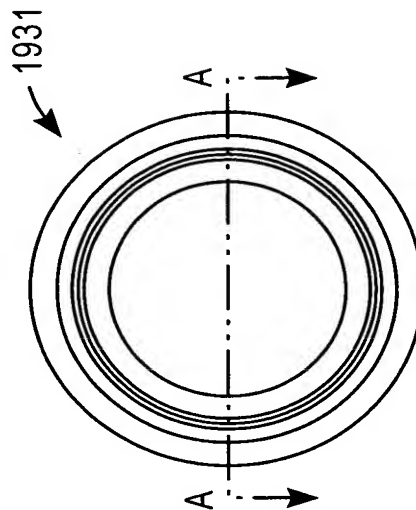


FIG. 19K

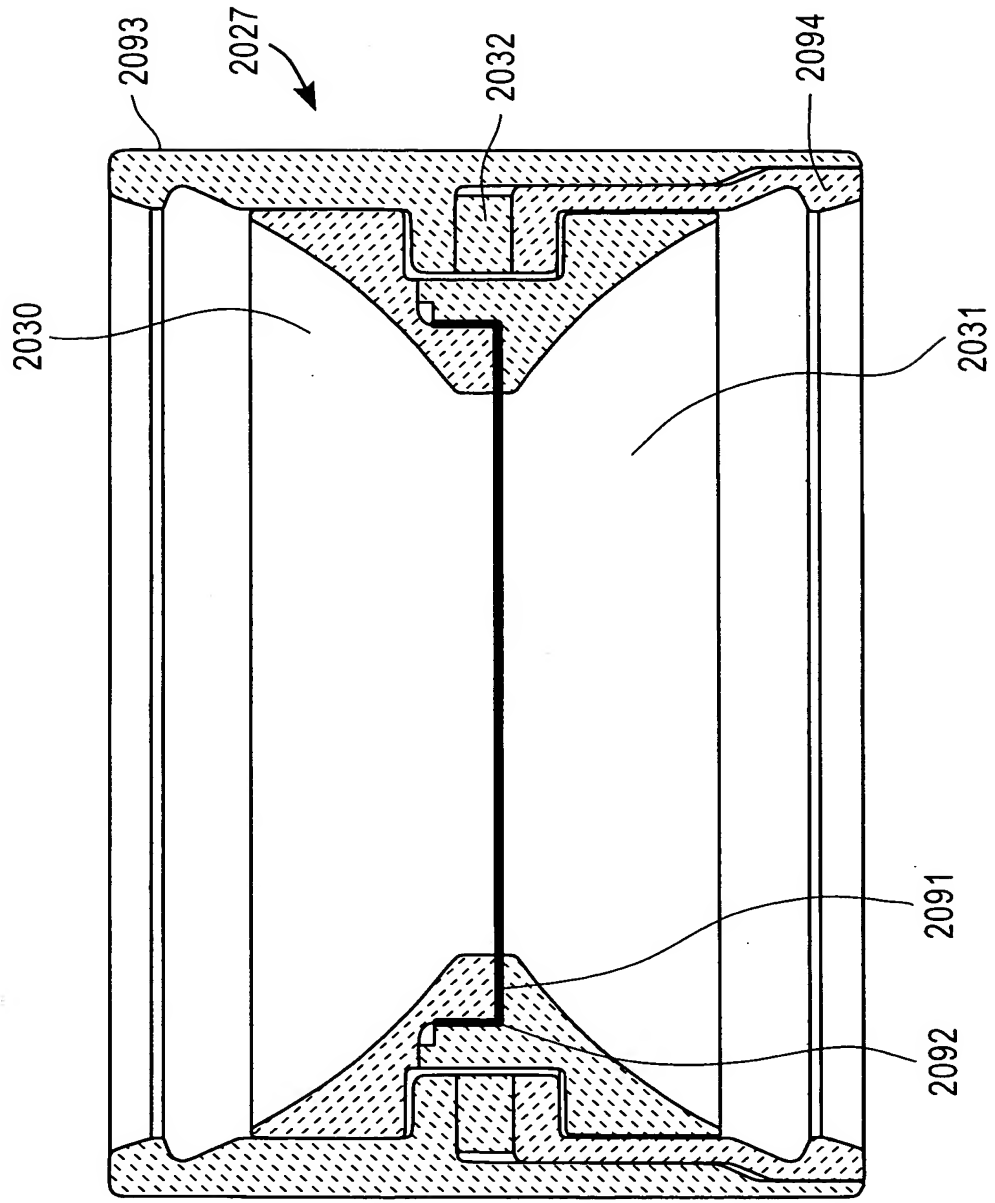


FIG. 20

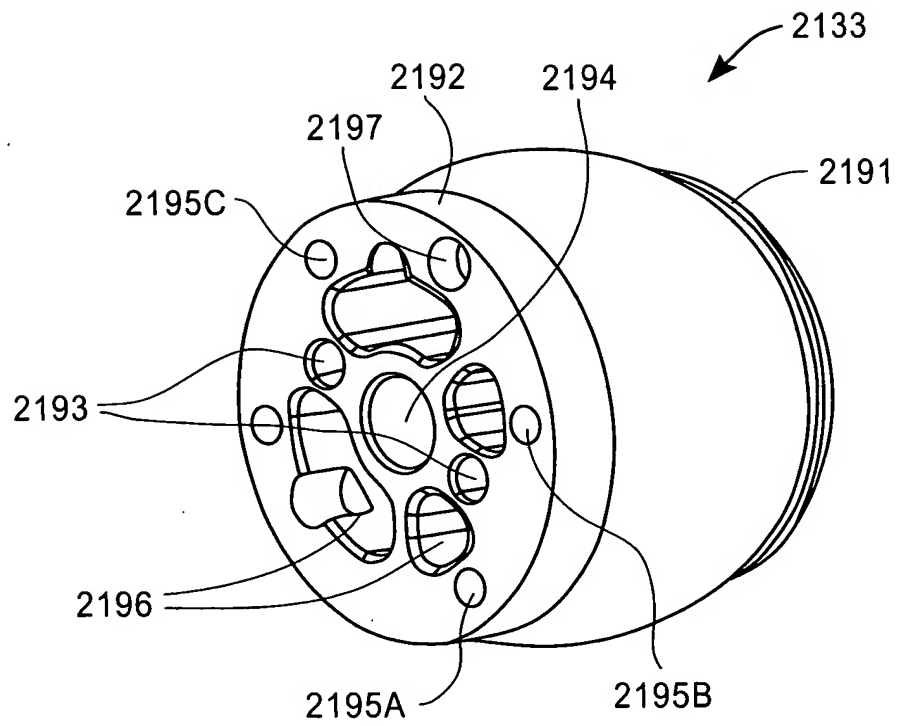
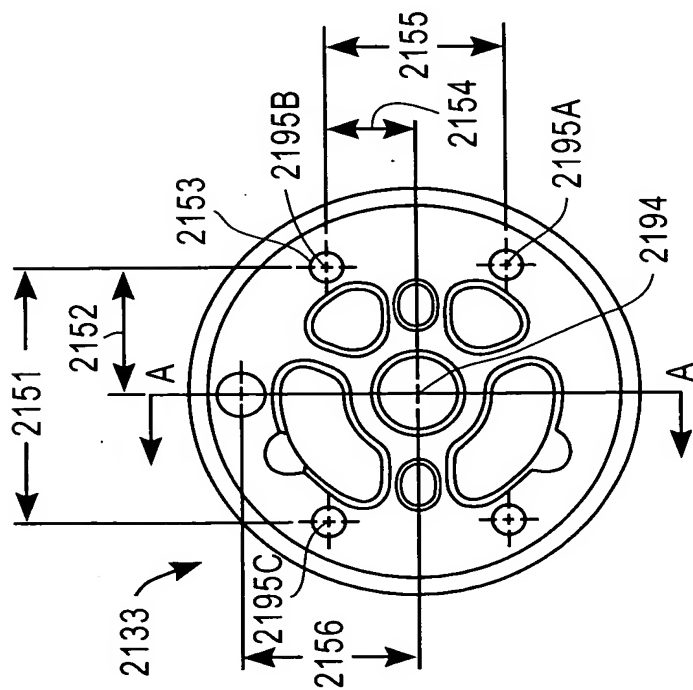
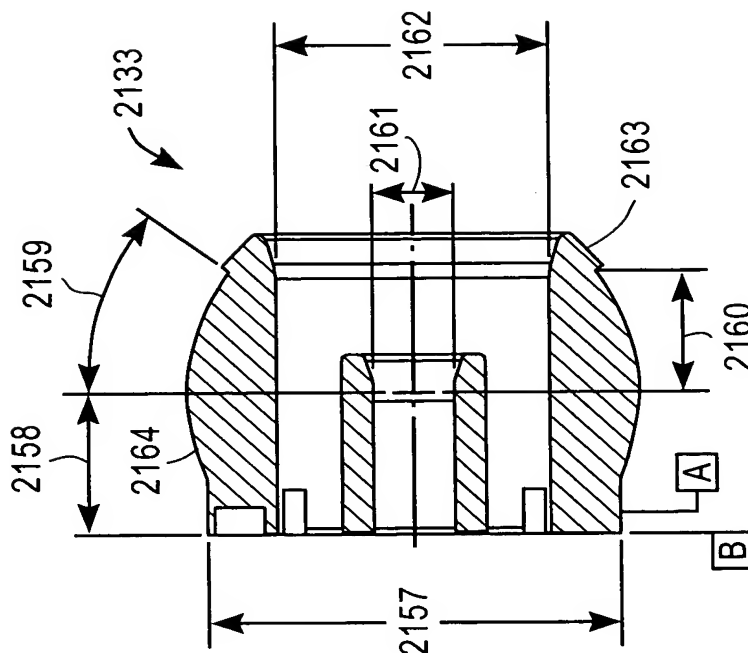


FIG. 21A



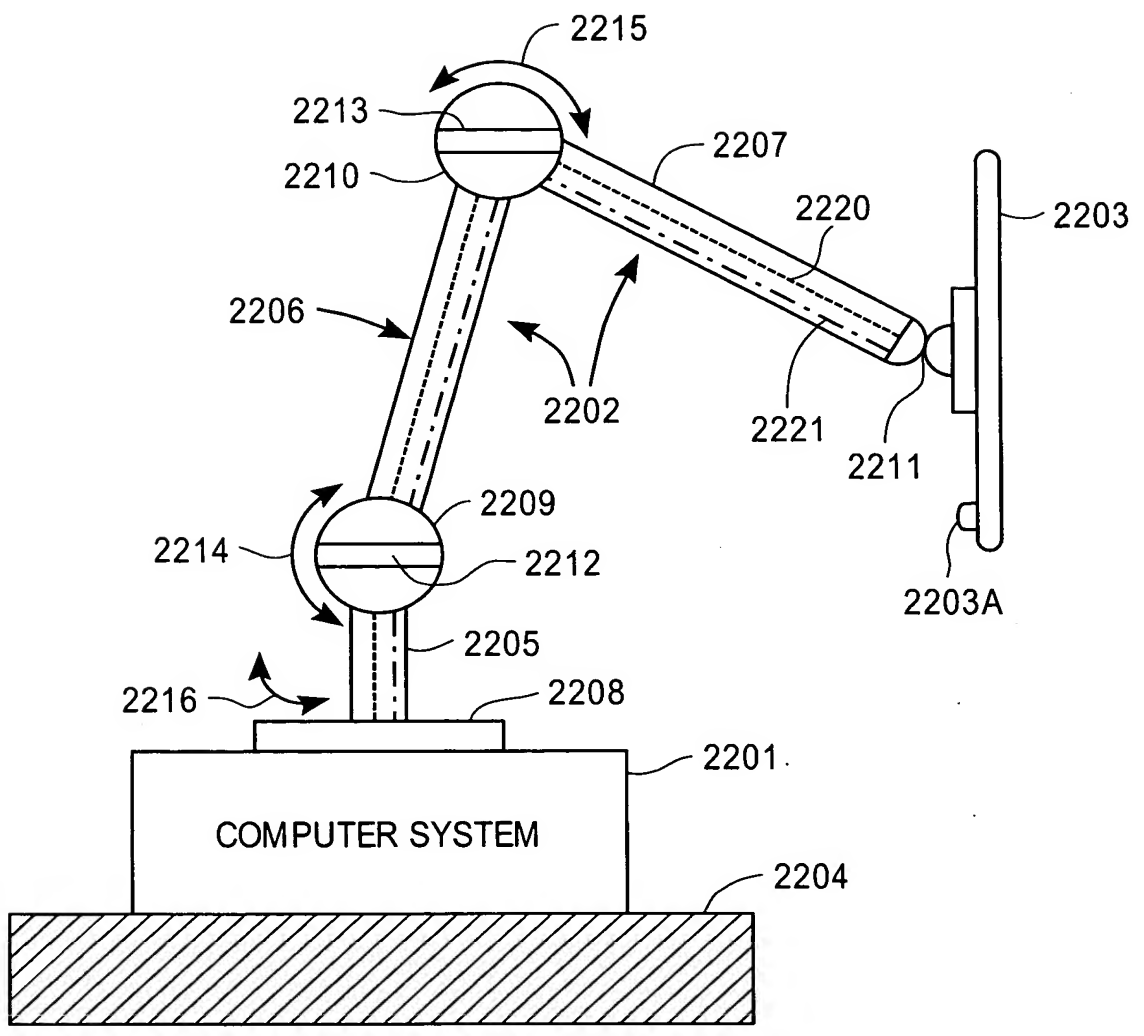


FIG. 22A

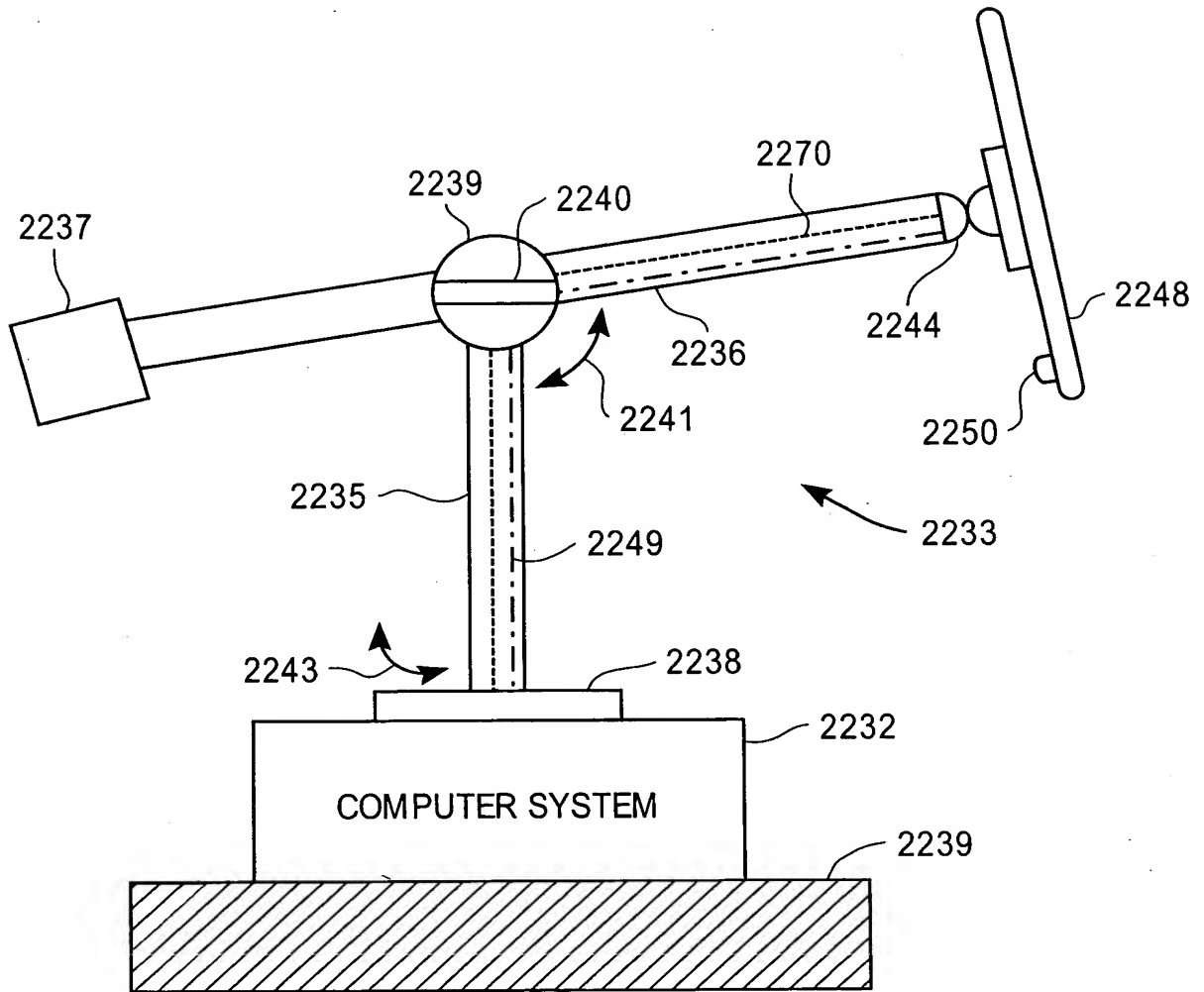


FIG. 22B

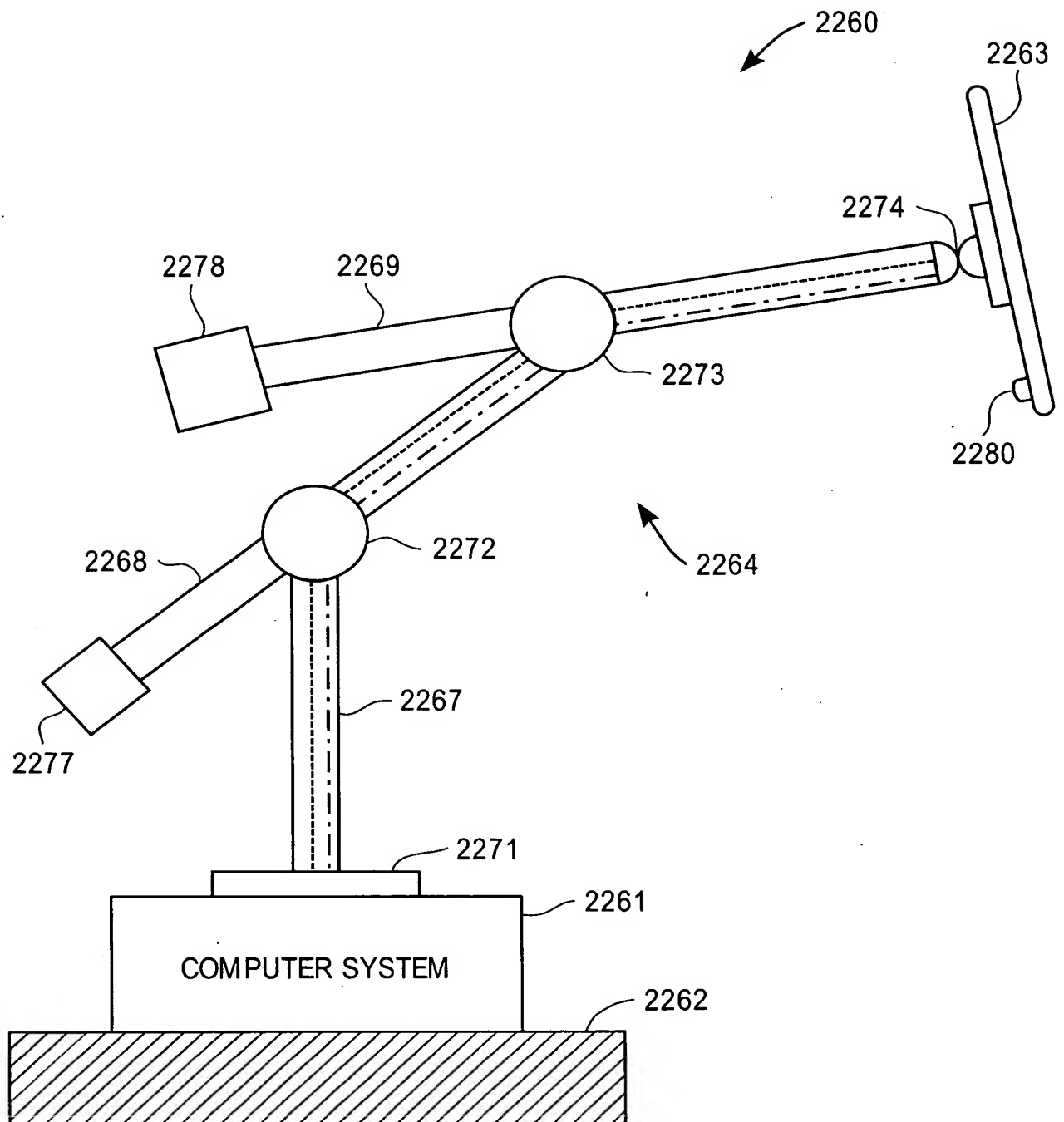


FIG. 22C

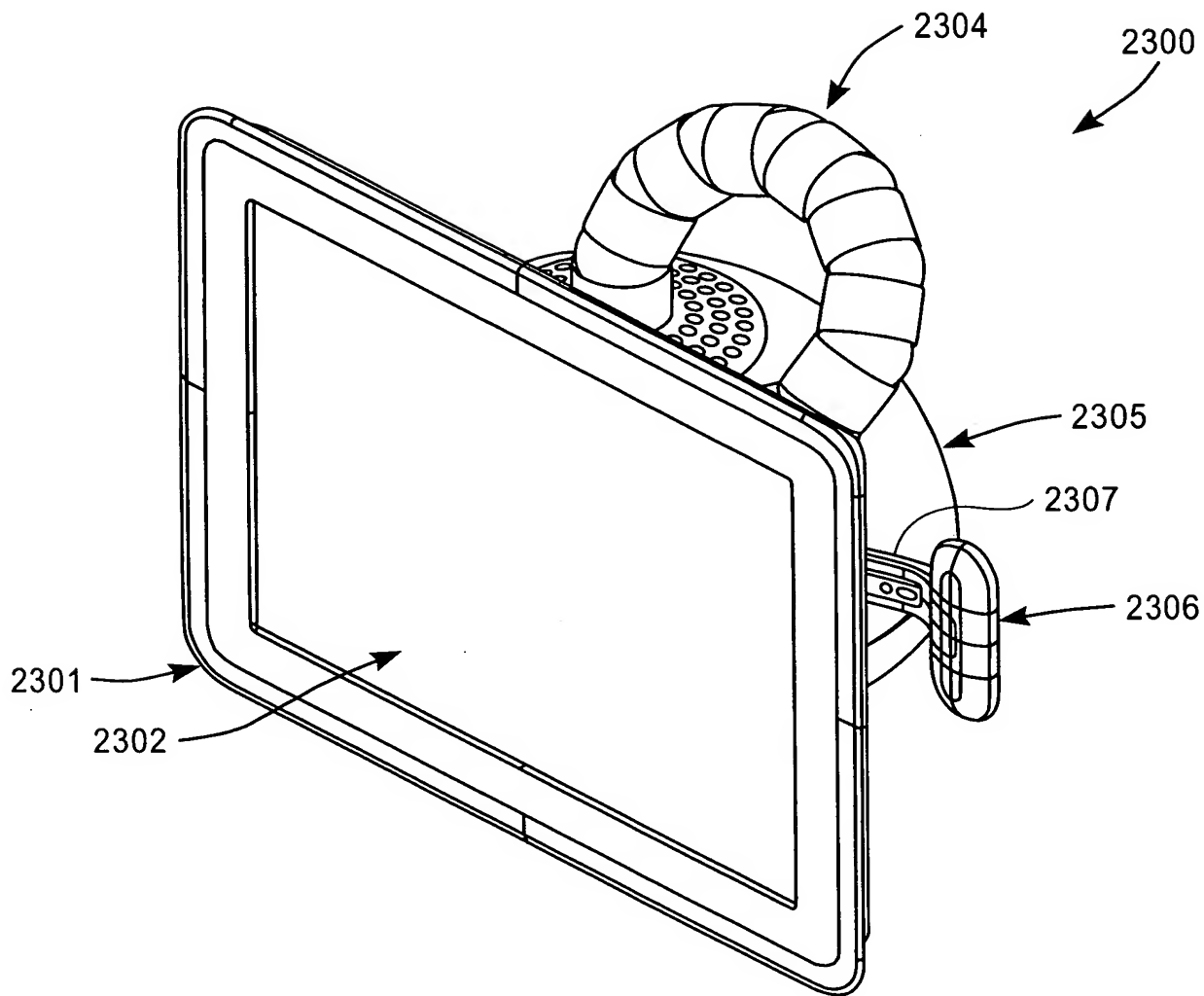


FIG. 23A

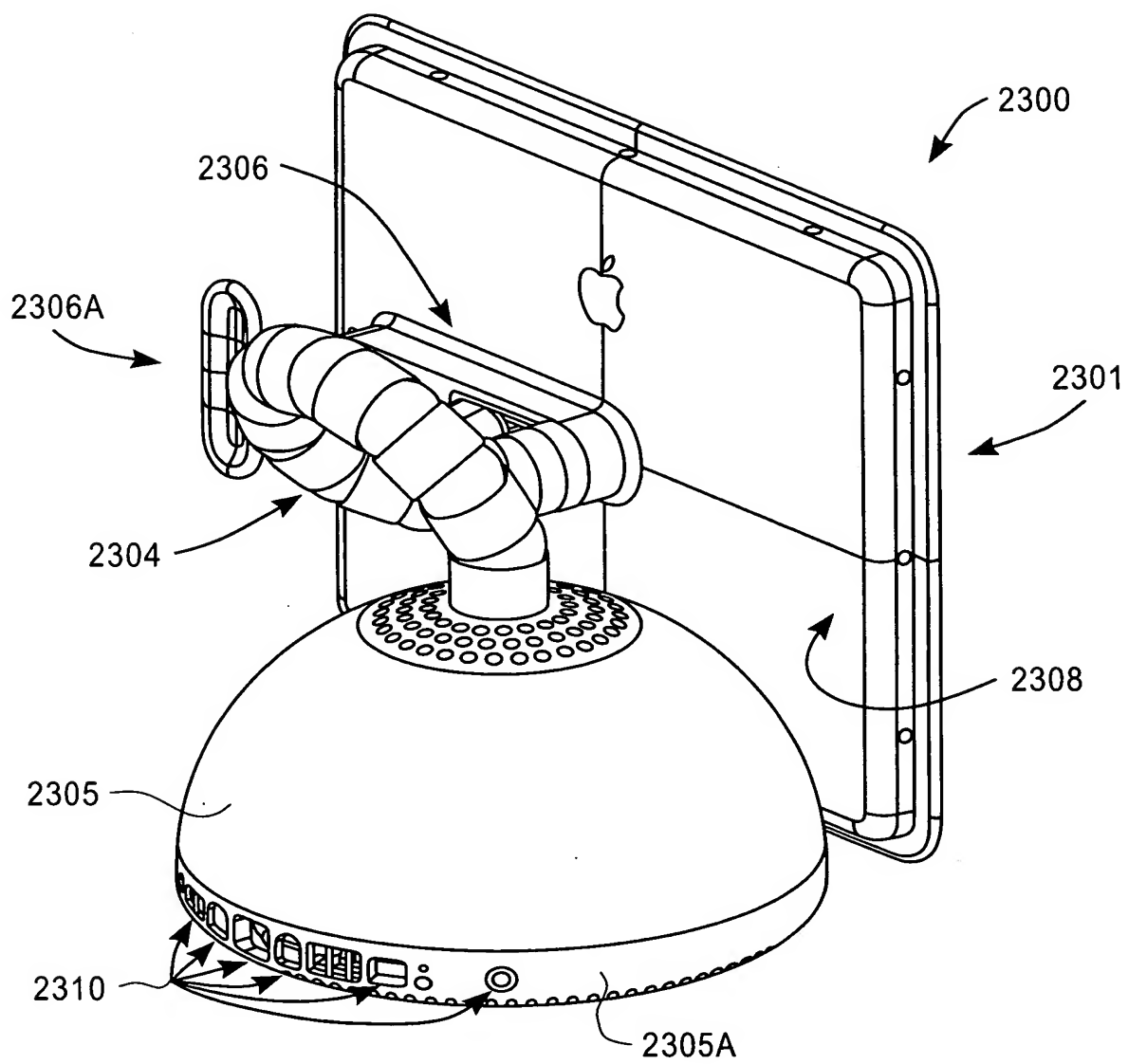


FIG. 23B

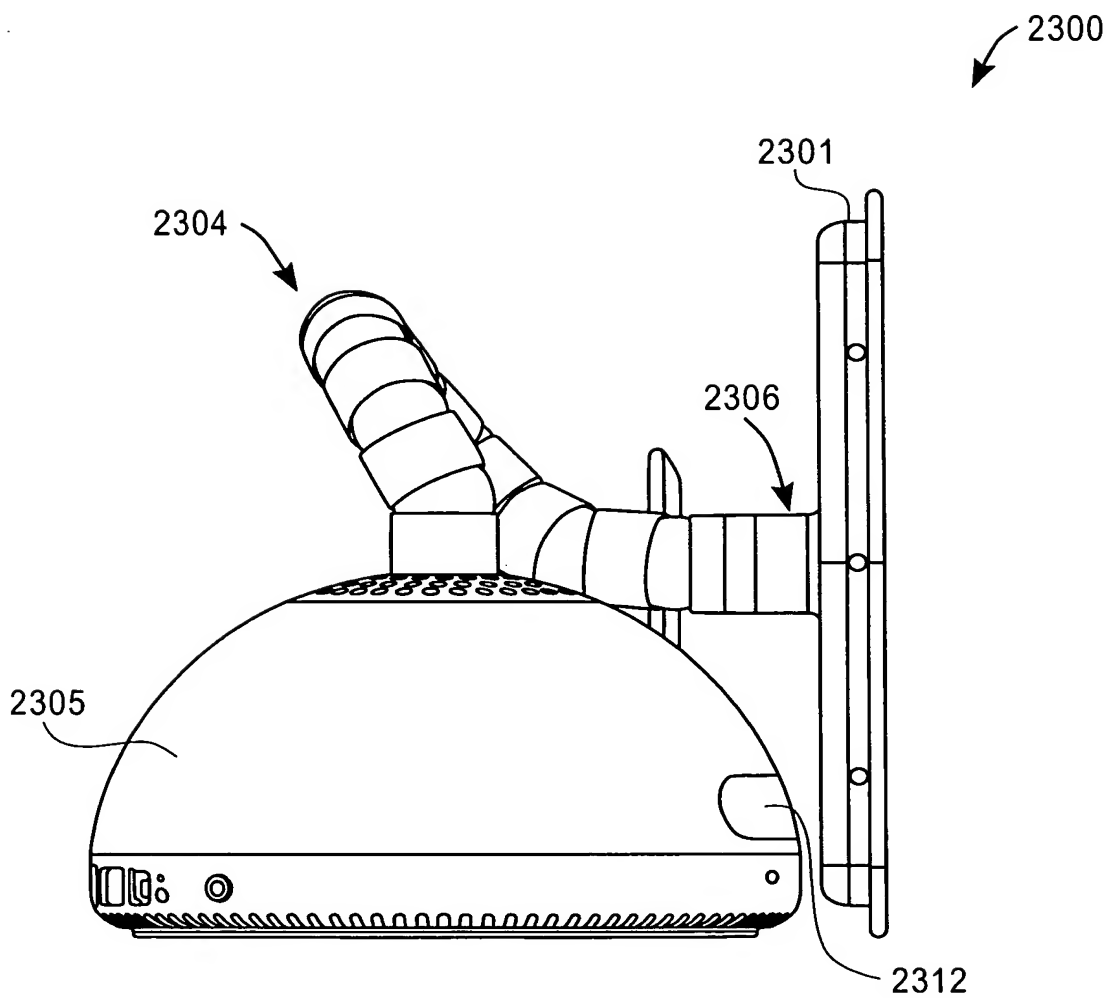


FIG. 23C

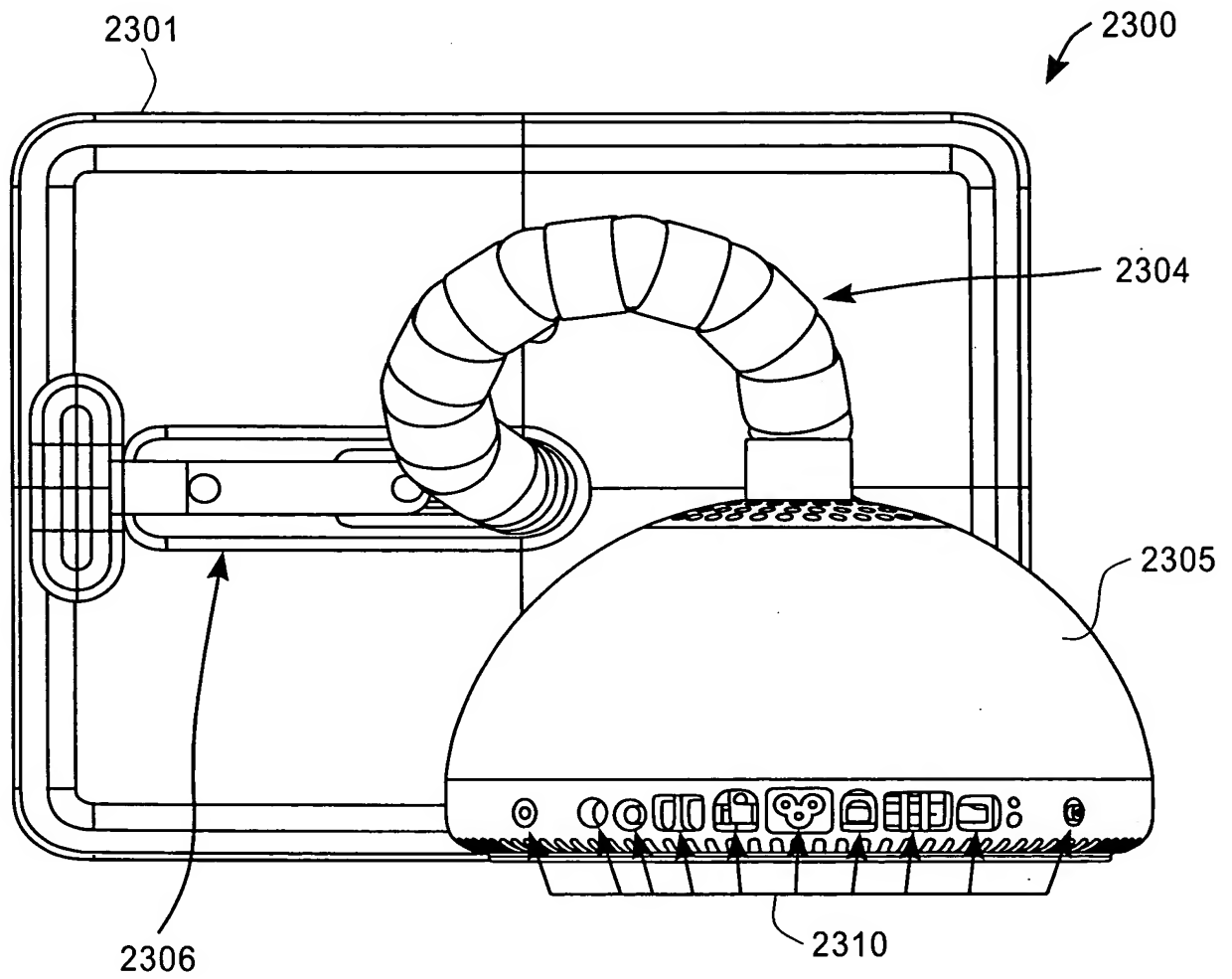


FIG. 23D

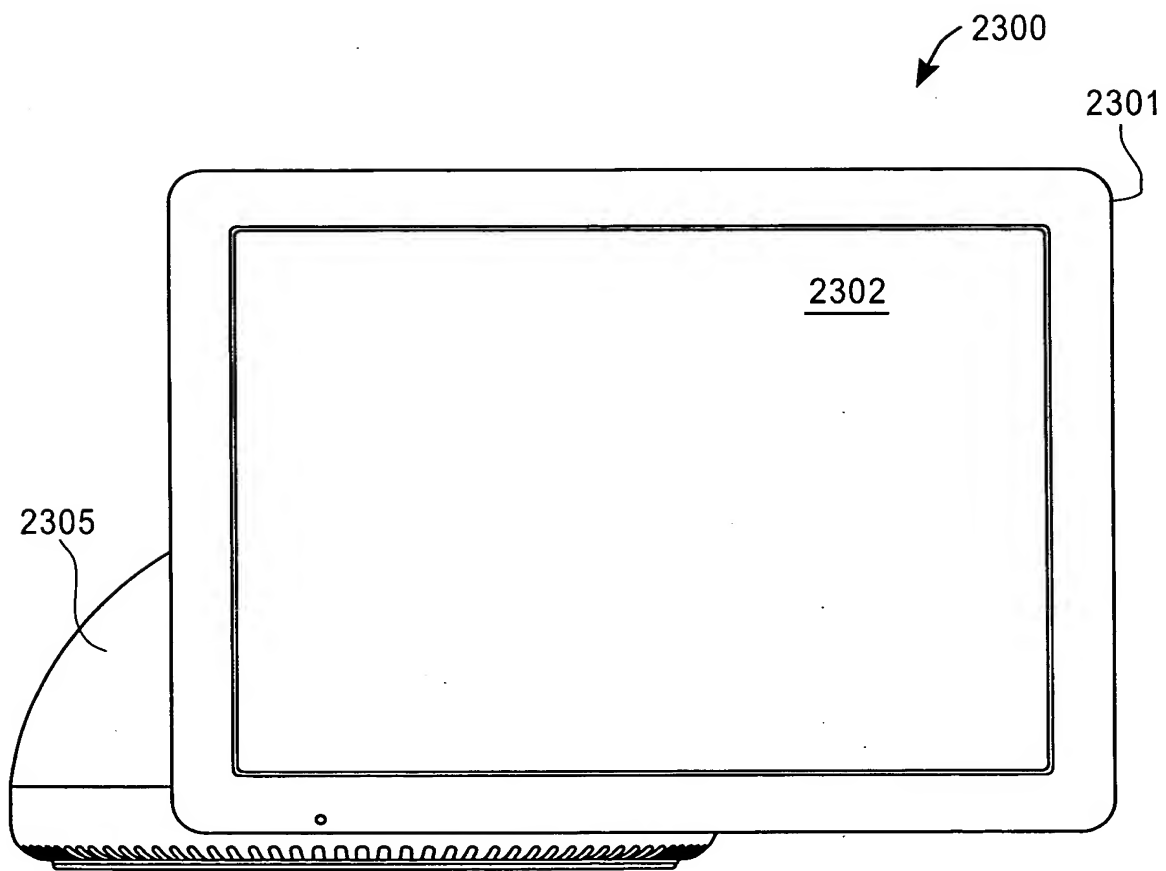


FIG. 23E

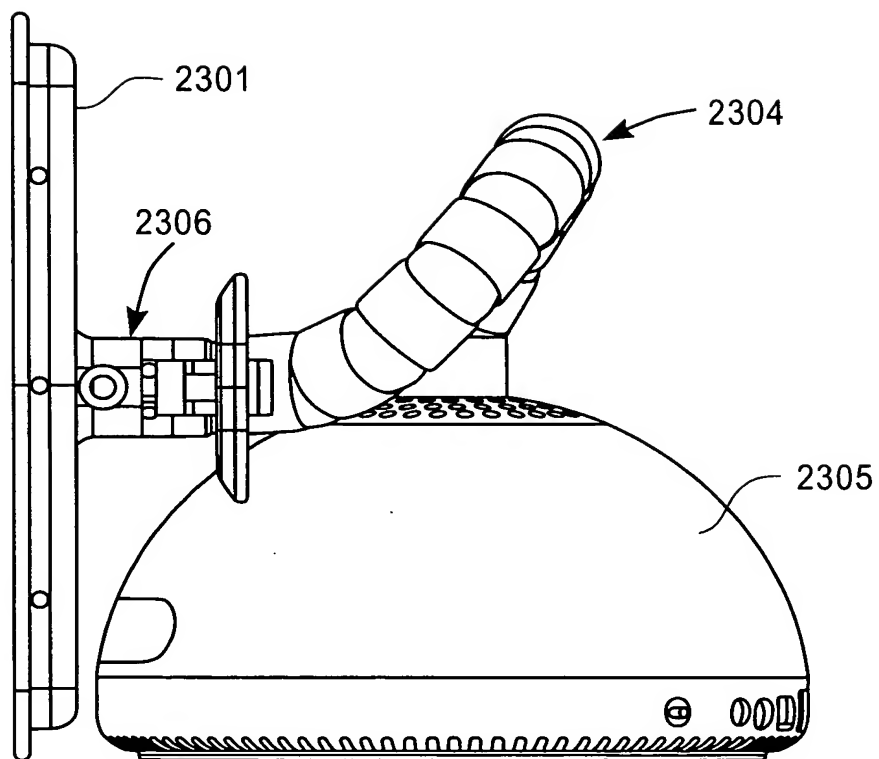


FIG. 23F

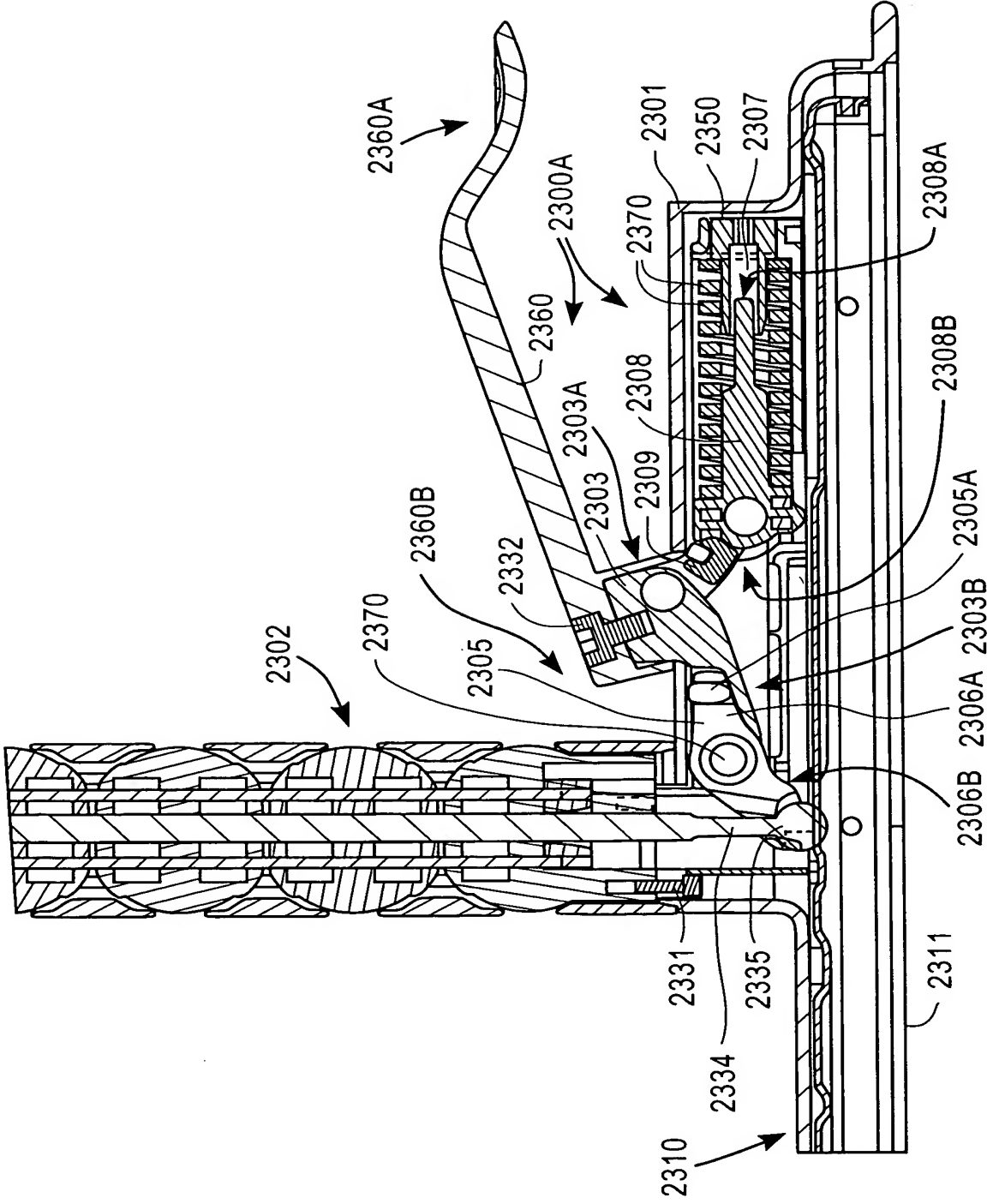


FIG. 23G

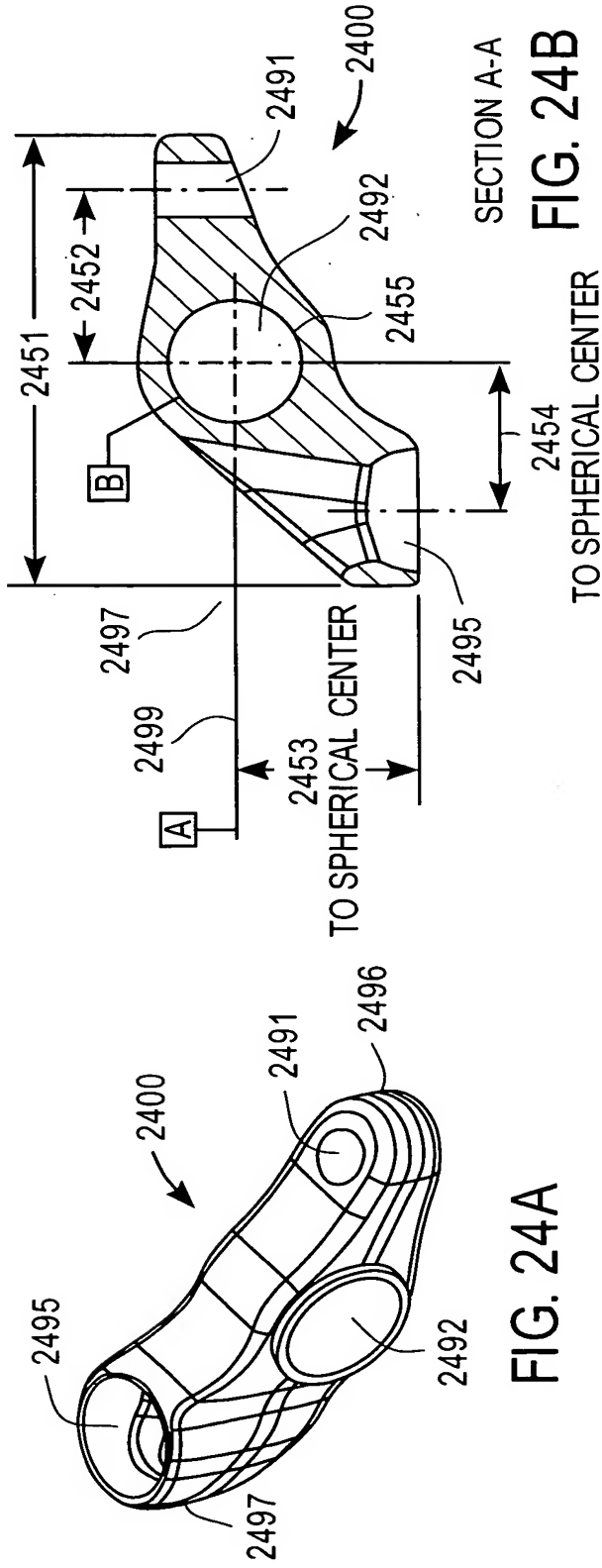


FIG. 24A

FIG. 24B

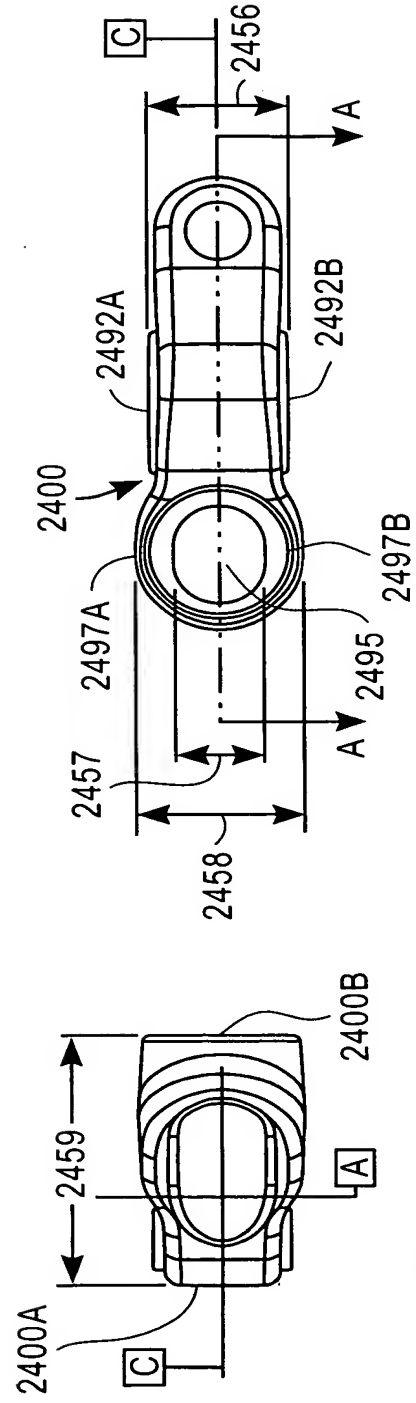
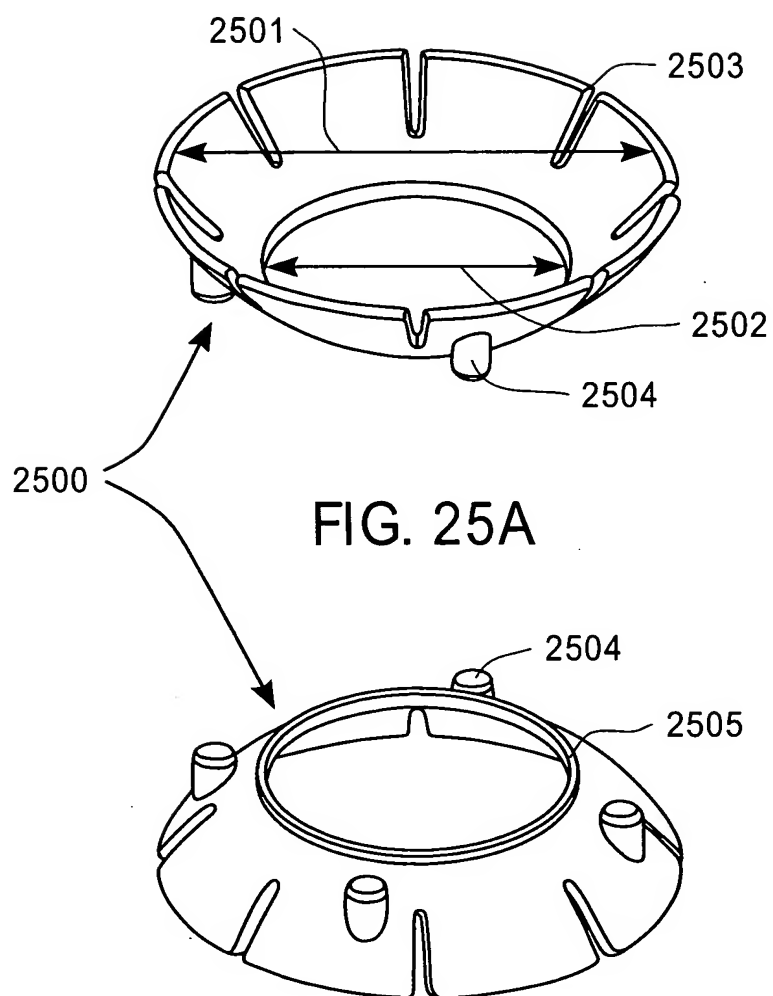


FIG. 24D

FIG. 24C



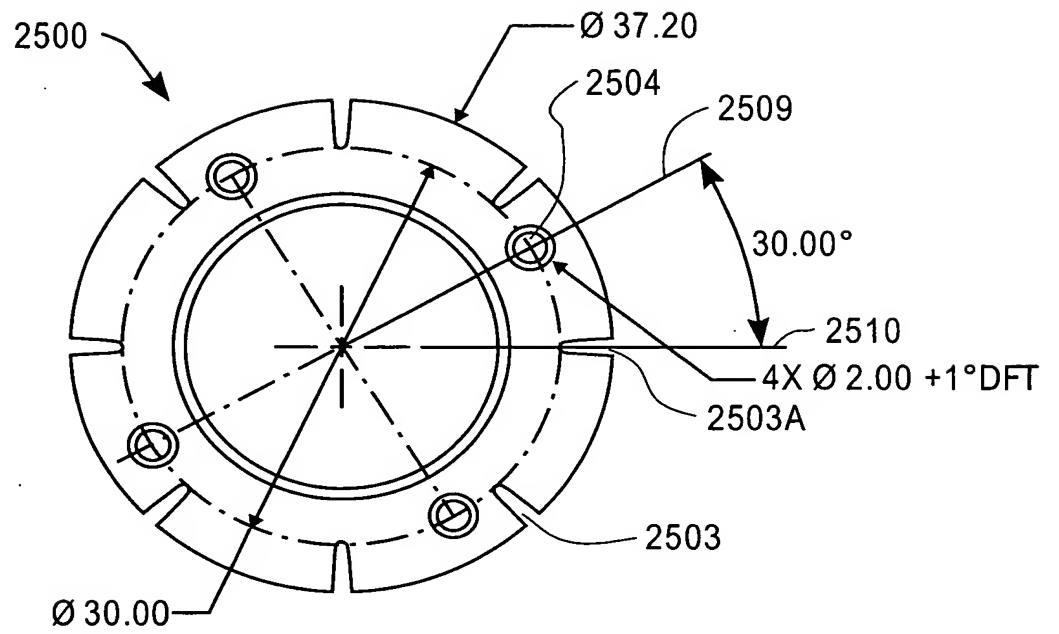


FIG. 25B

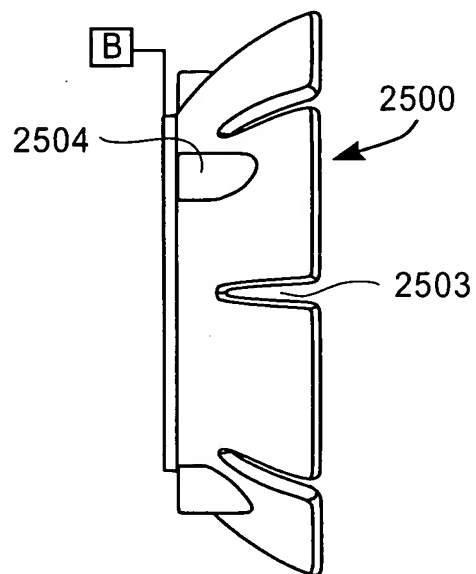


FIG. 25C

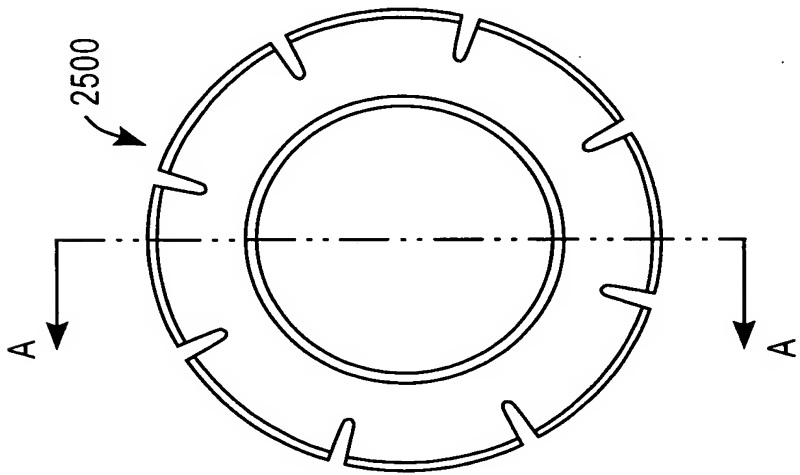
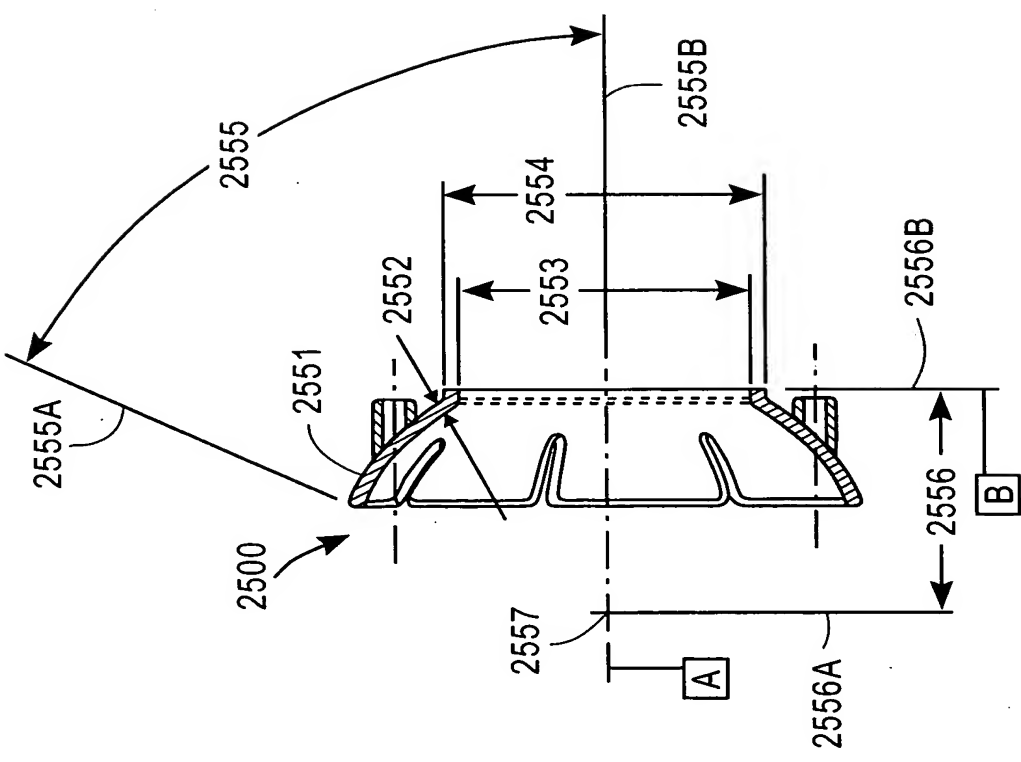


FIG. 25D



SECTION A-A

FIG. 25E

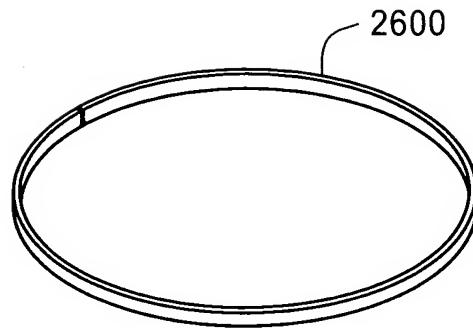


FIG. 26A

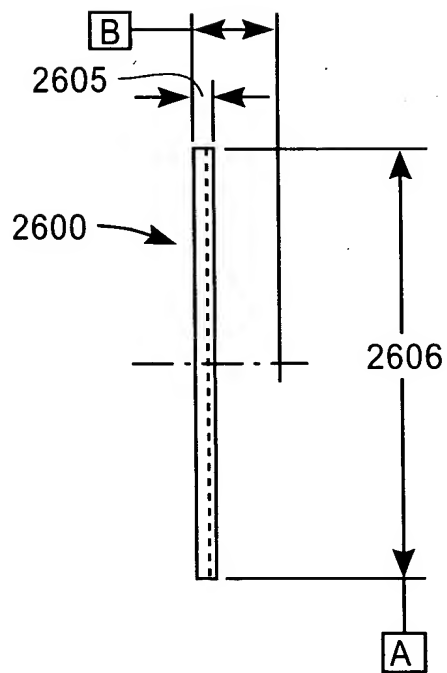


FIG. 26B

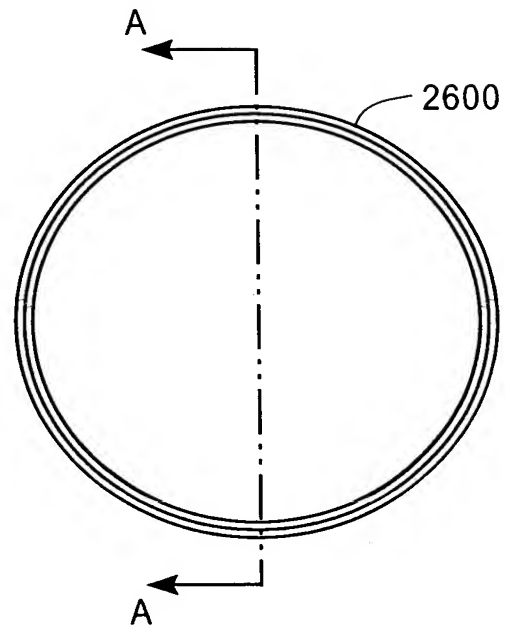


FIG. 26C

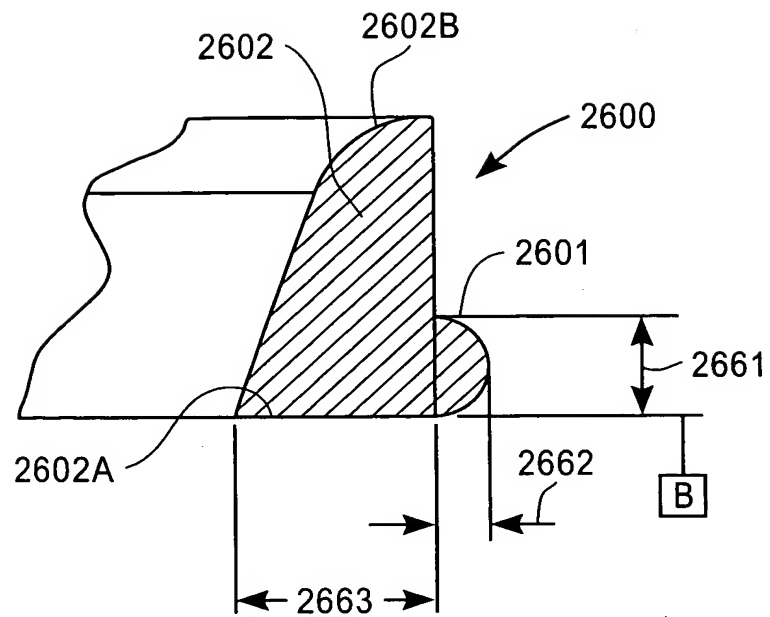


FIG. 26D

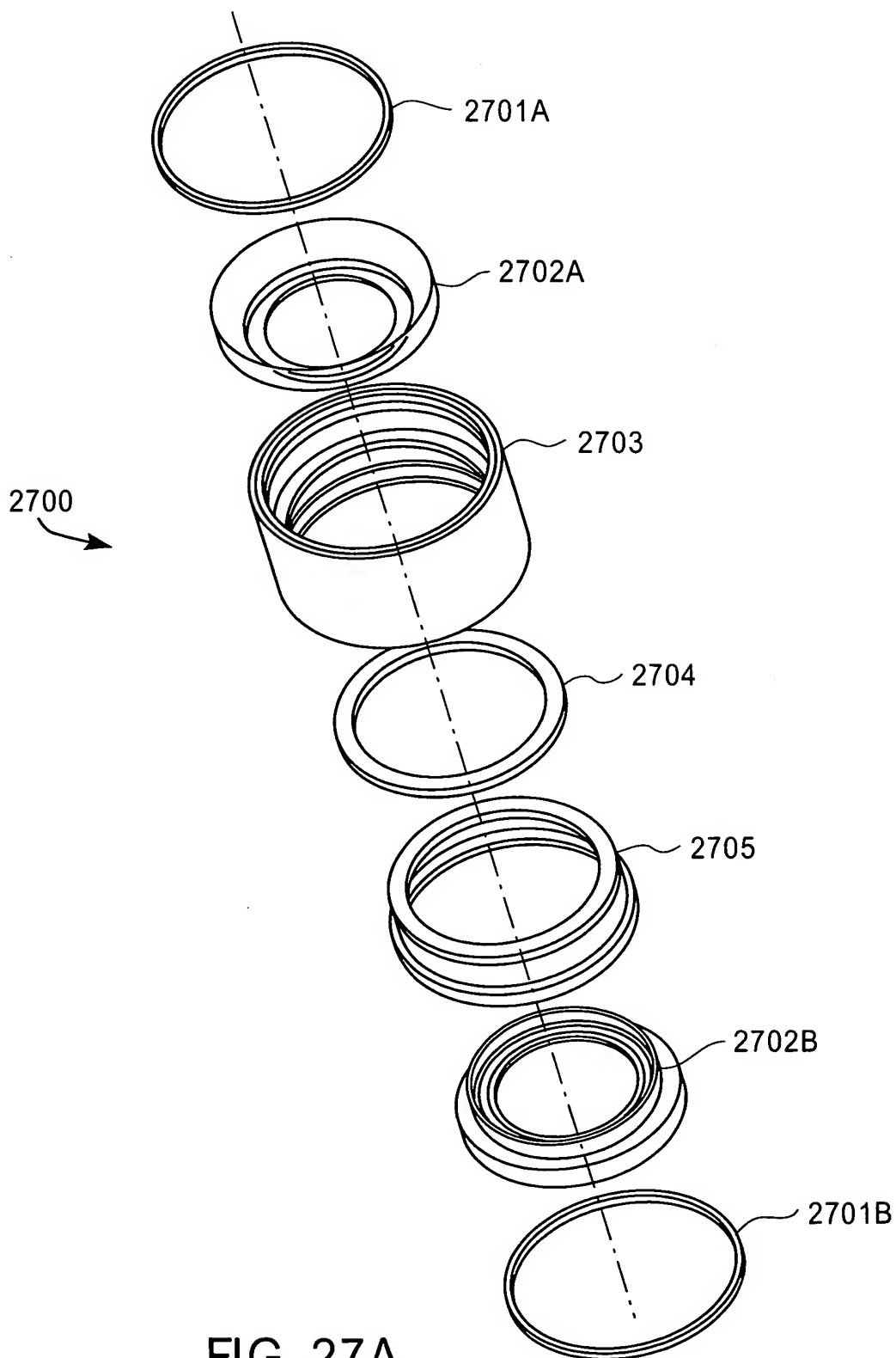


FIG. 27A

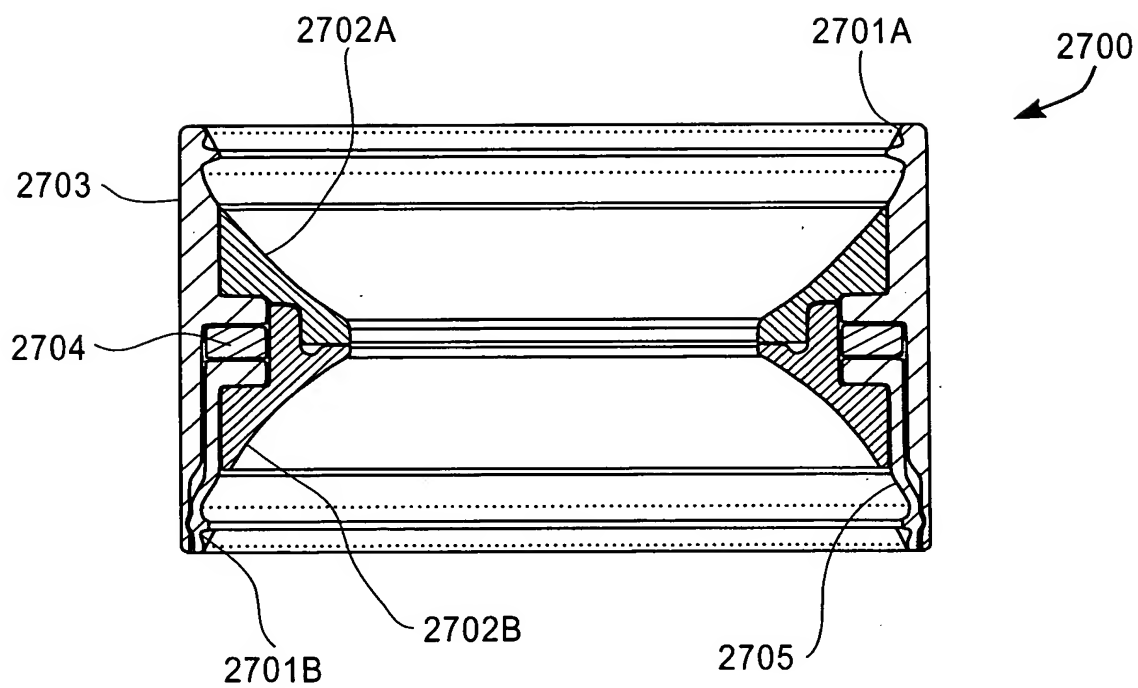


FIG. 27B

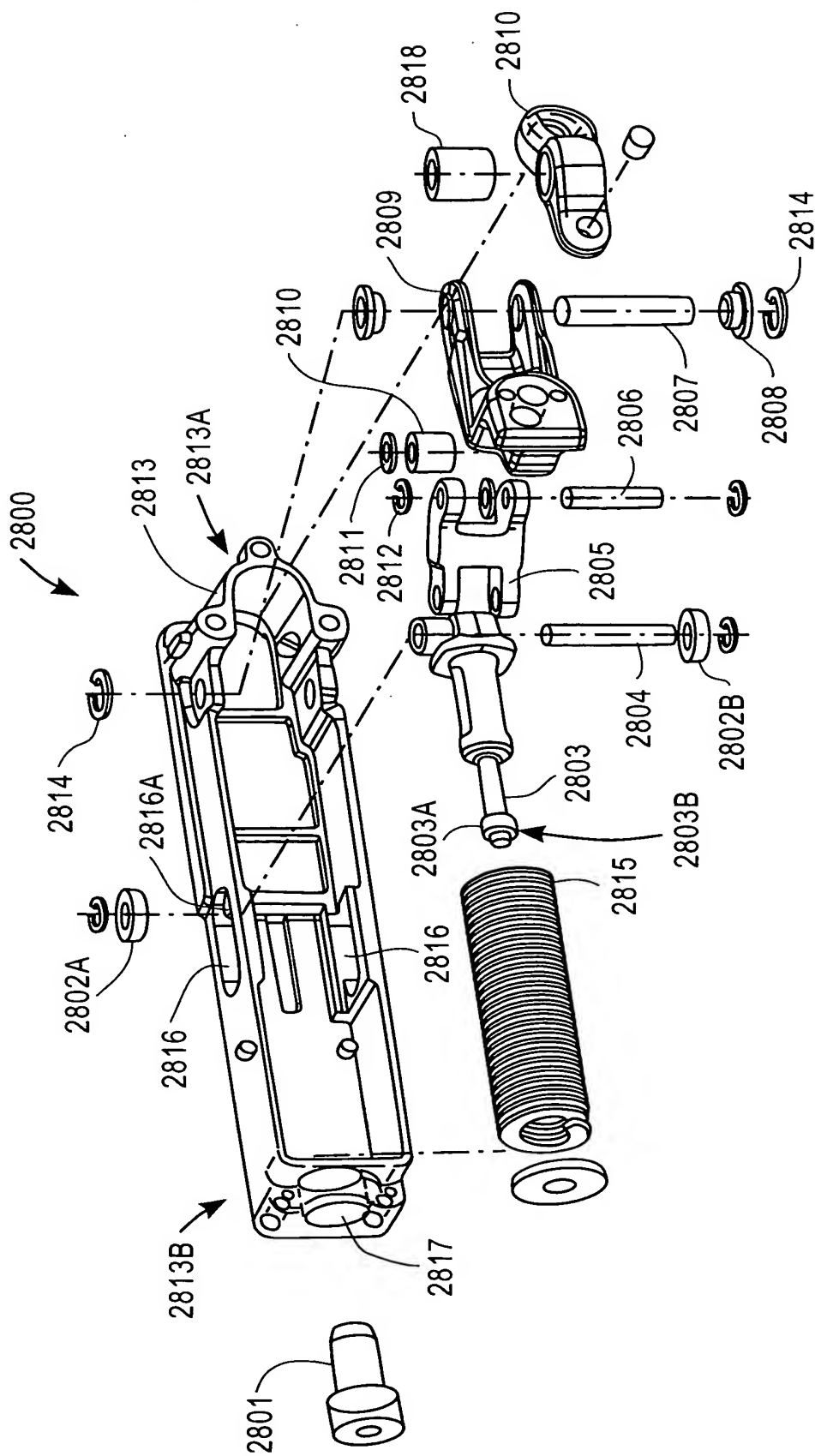


FIG. 28

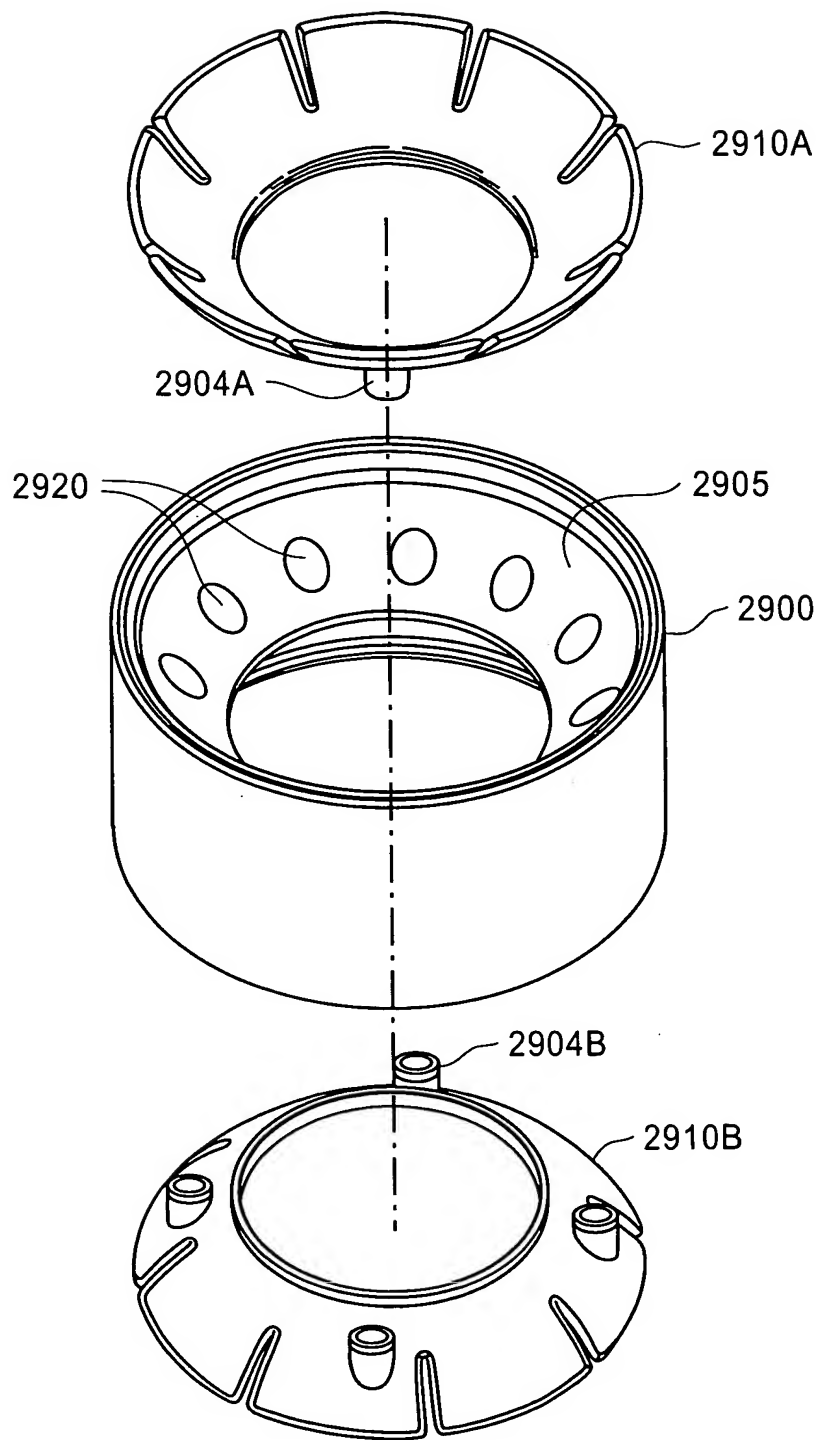
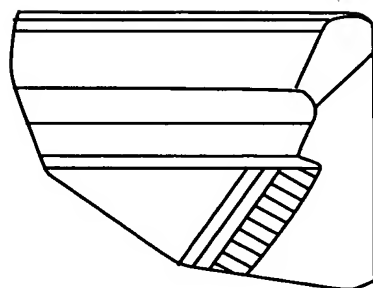


FIG. 29A



A cross-sectional view of a multi-layered structure 2900. The structure consists of a top layer 2910A and a bottom layer 2910B, separated by a central core. The top layer 2910A and bottom layer 2910B are shown with multiple layers of material. The central core is filled with a material having a hatched pattern. The structure is shown in a perspective view, with dashed lines indicating the continuation of the layers. A label 2900 points to the entire assembly, 2910A points to the top layer, and 2910B points to the bottom layer.

FIG. 29B

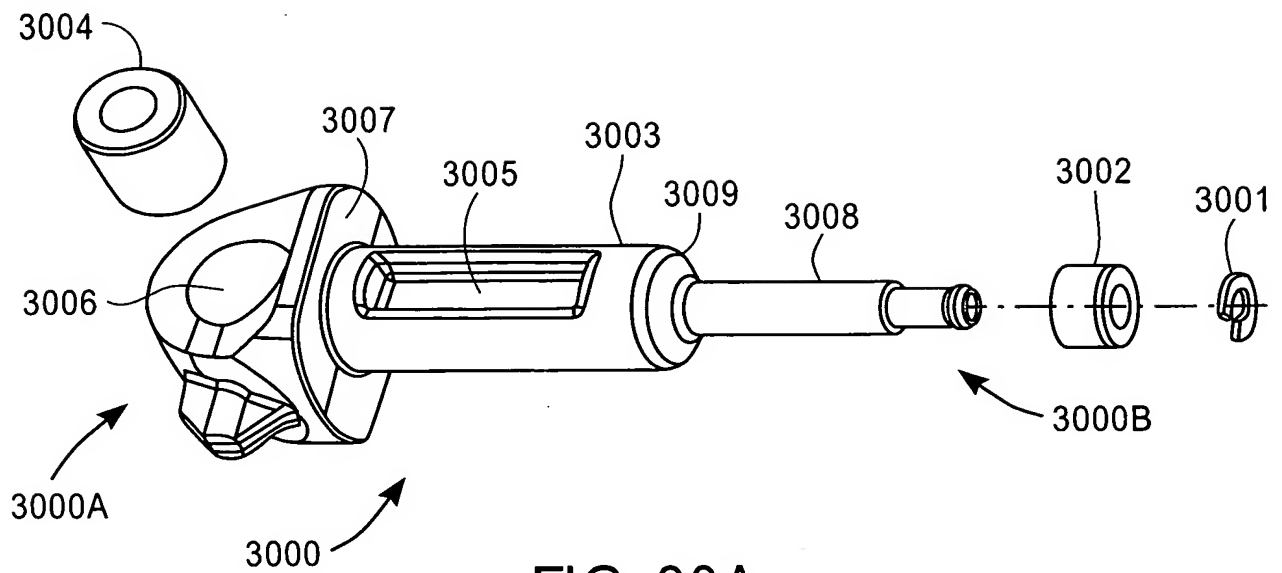


FIG. 30A

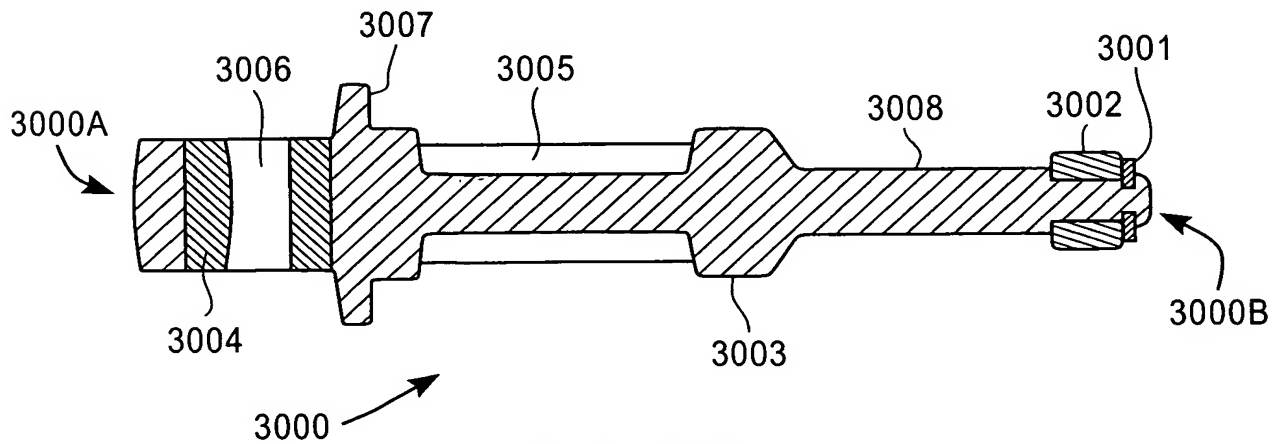


FIG. 30B

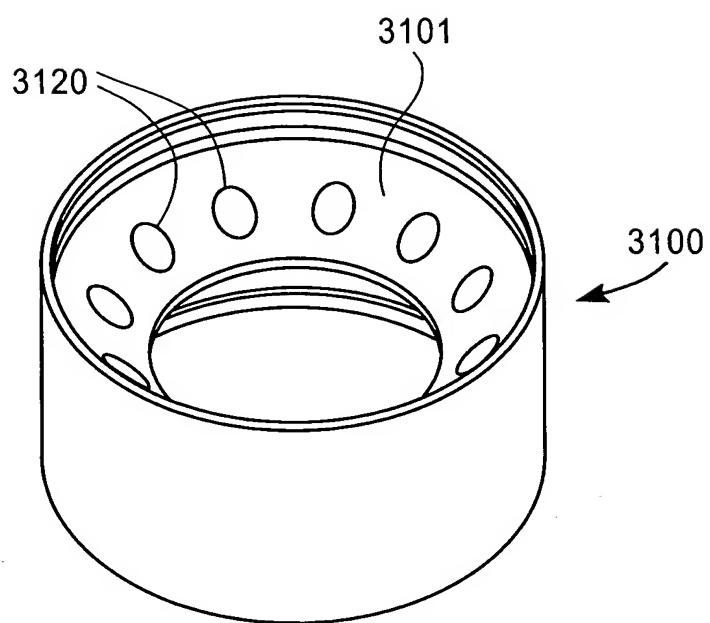


FIG. 31A

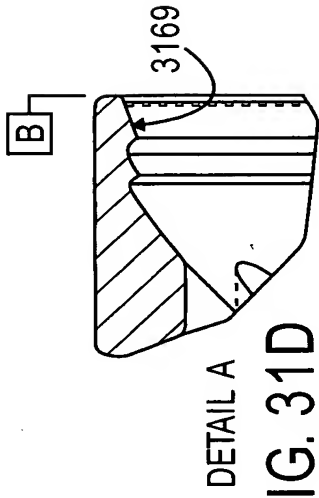
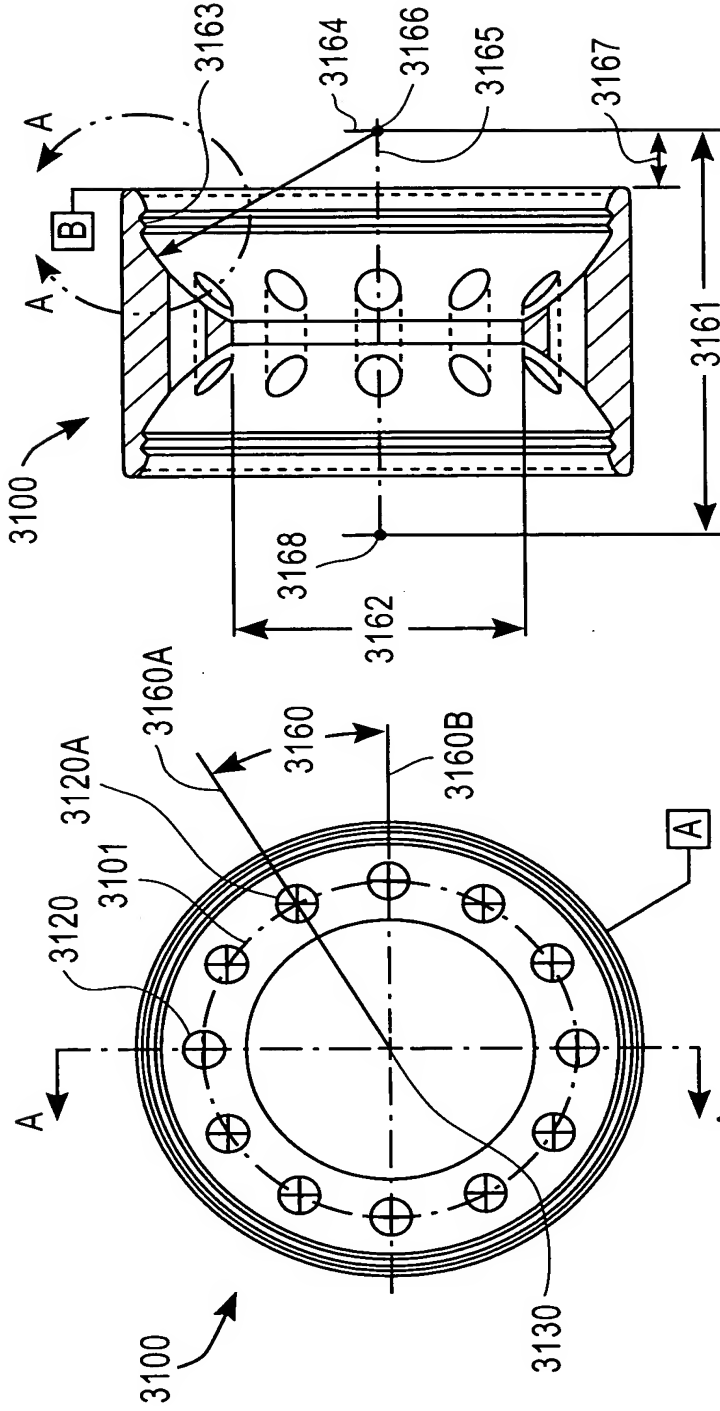


FIG. 31D



SECTION A-A

FIG. 31C

FIG. 31B

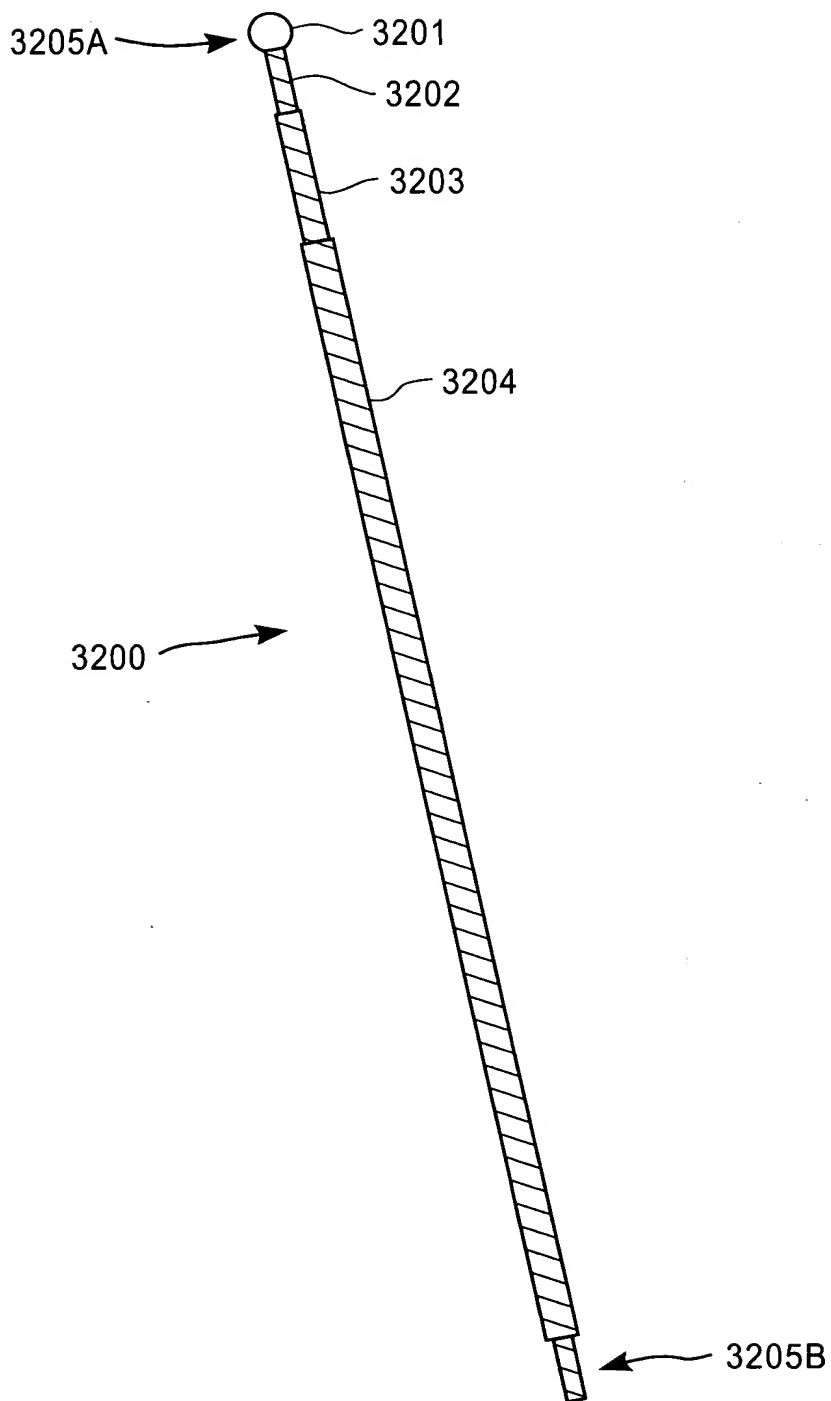


FIG. 32A

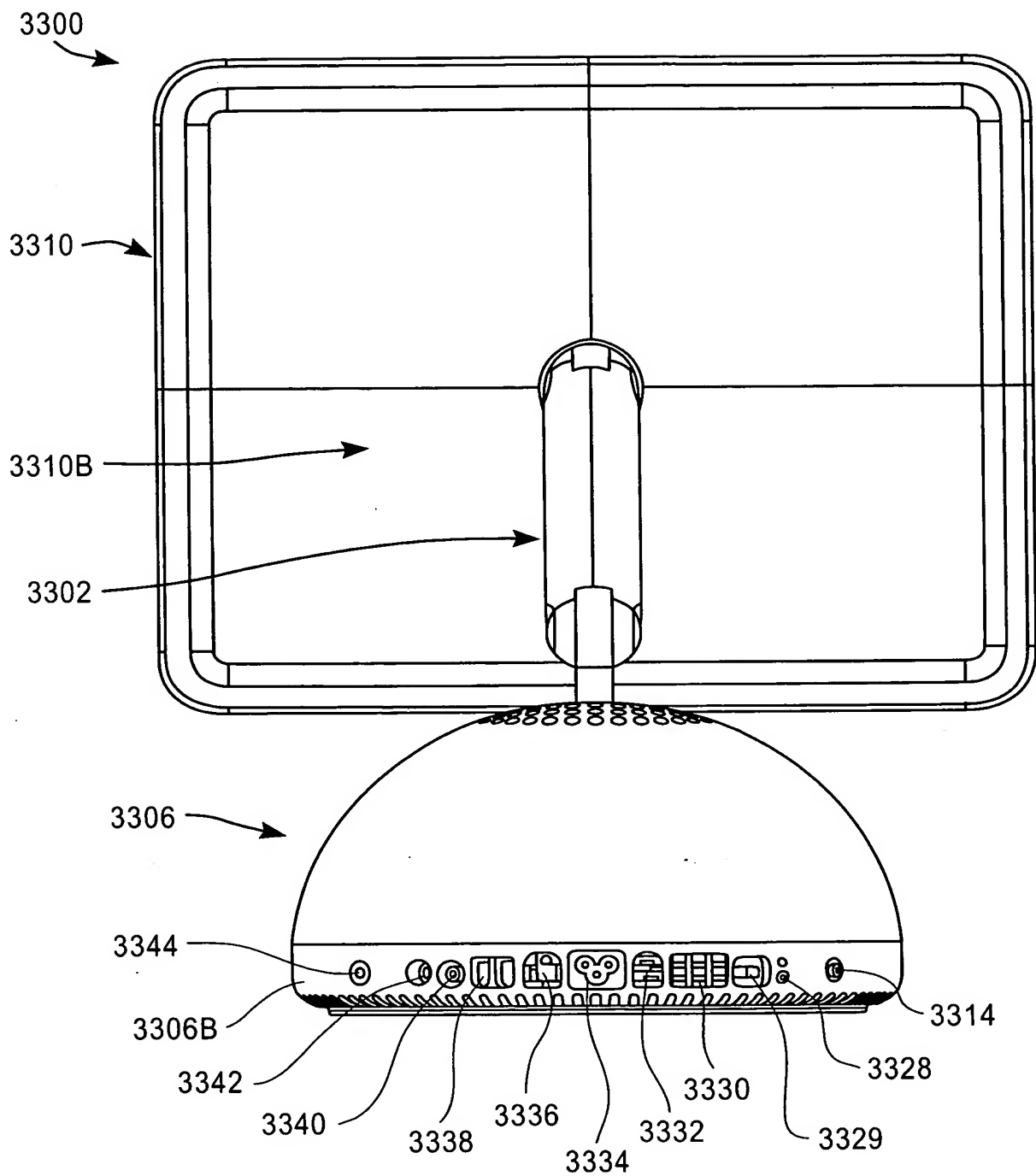


FIG. 33A

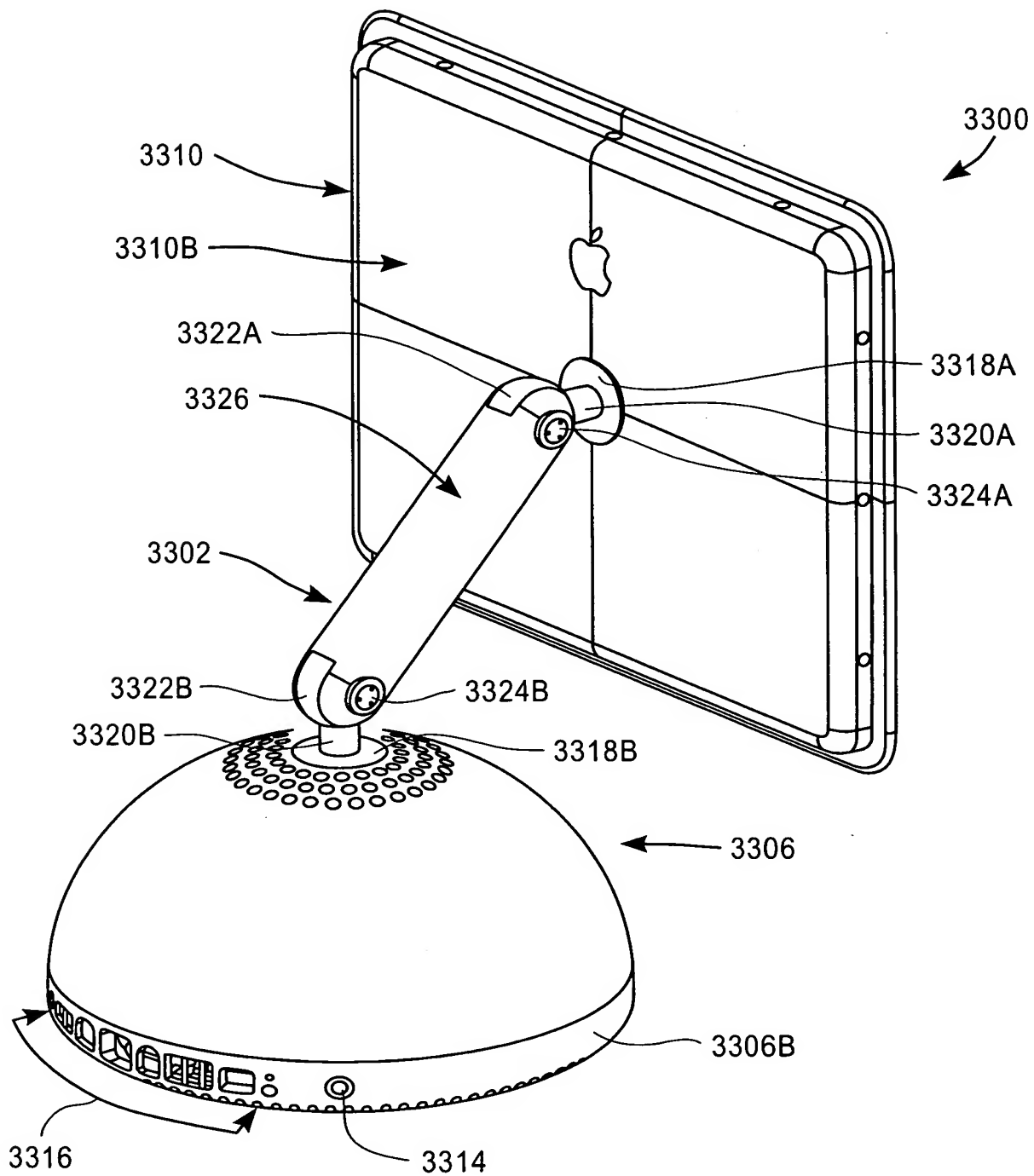


FIG. 33B

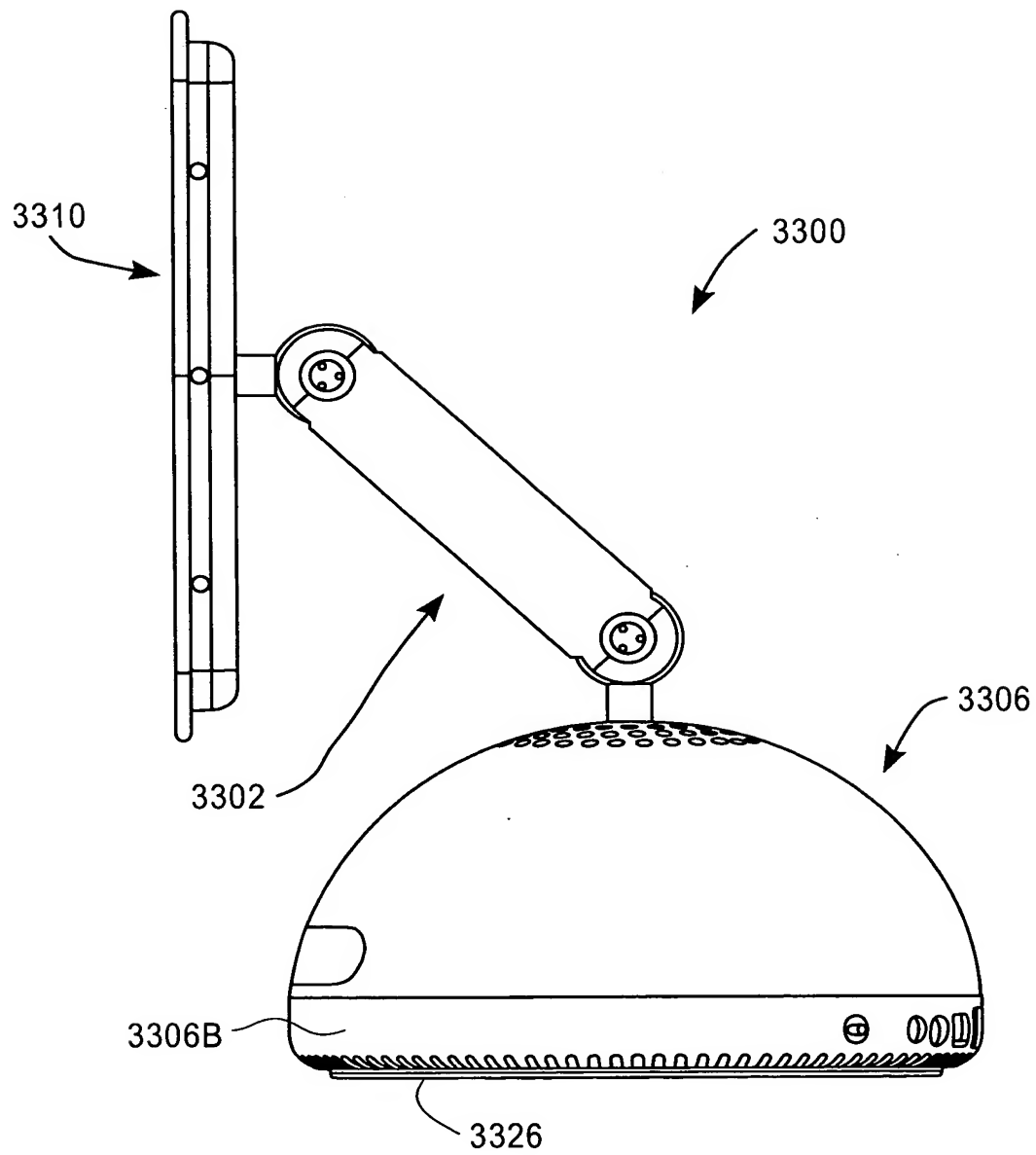


FIG. 33C

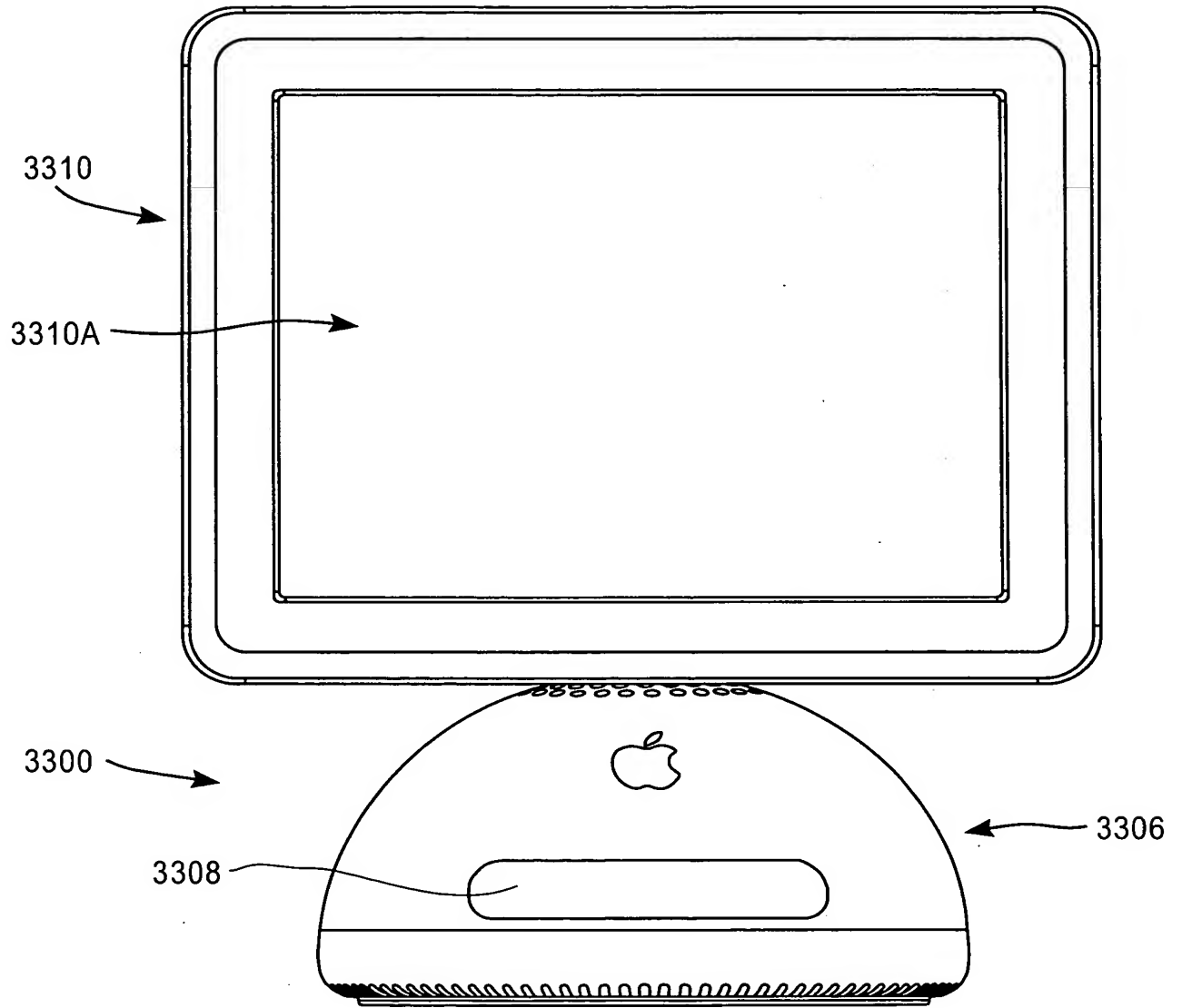


FIG. 33D

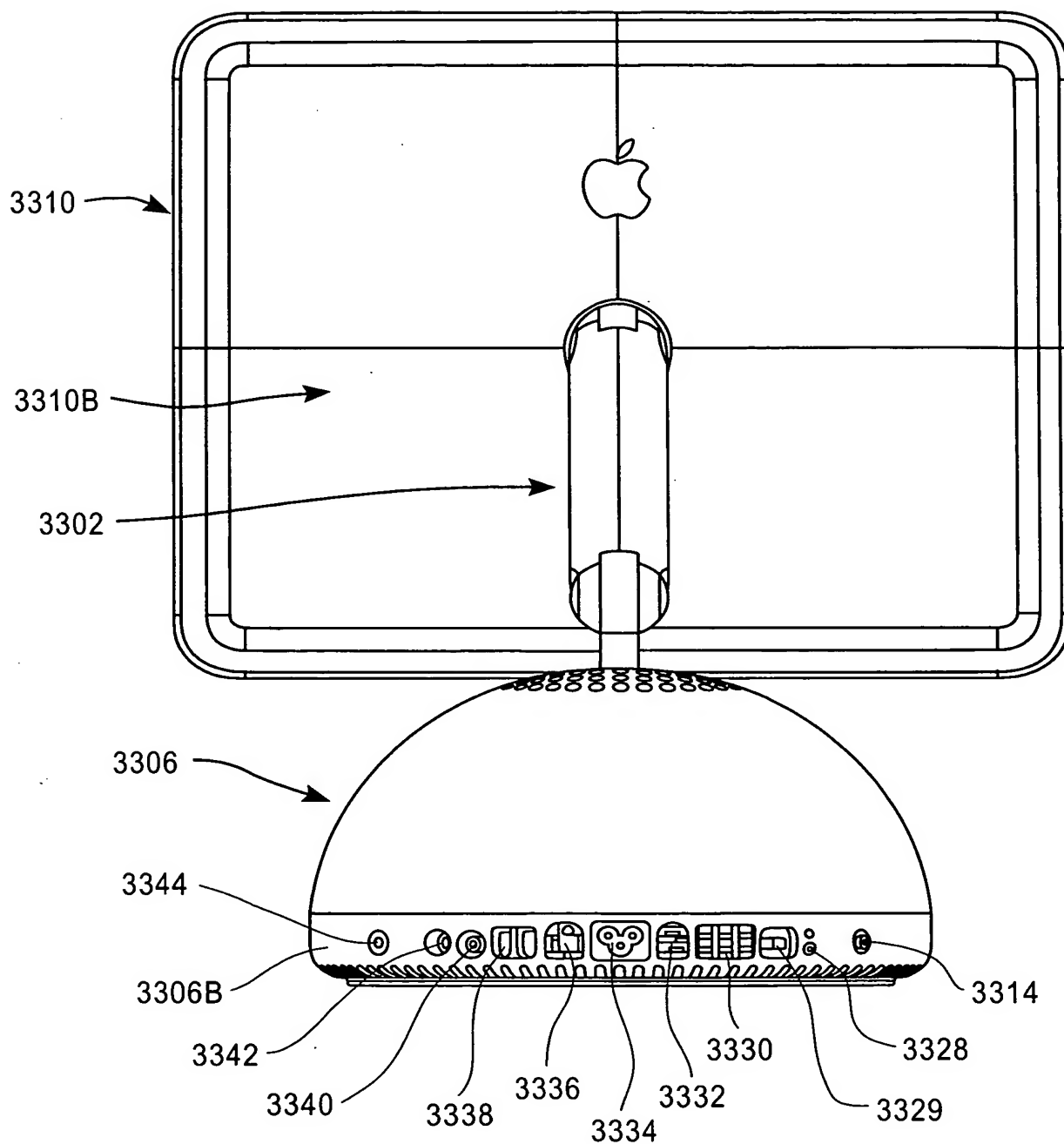


FIG. 33E

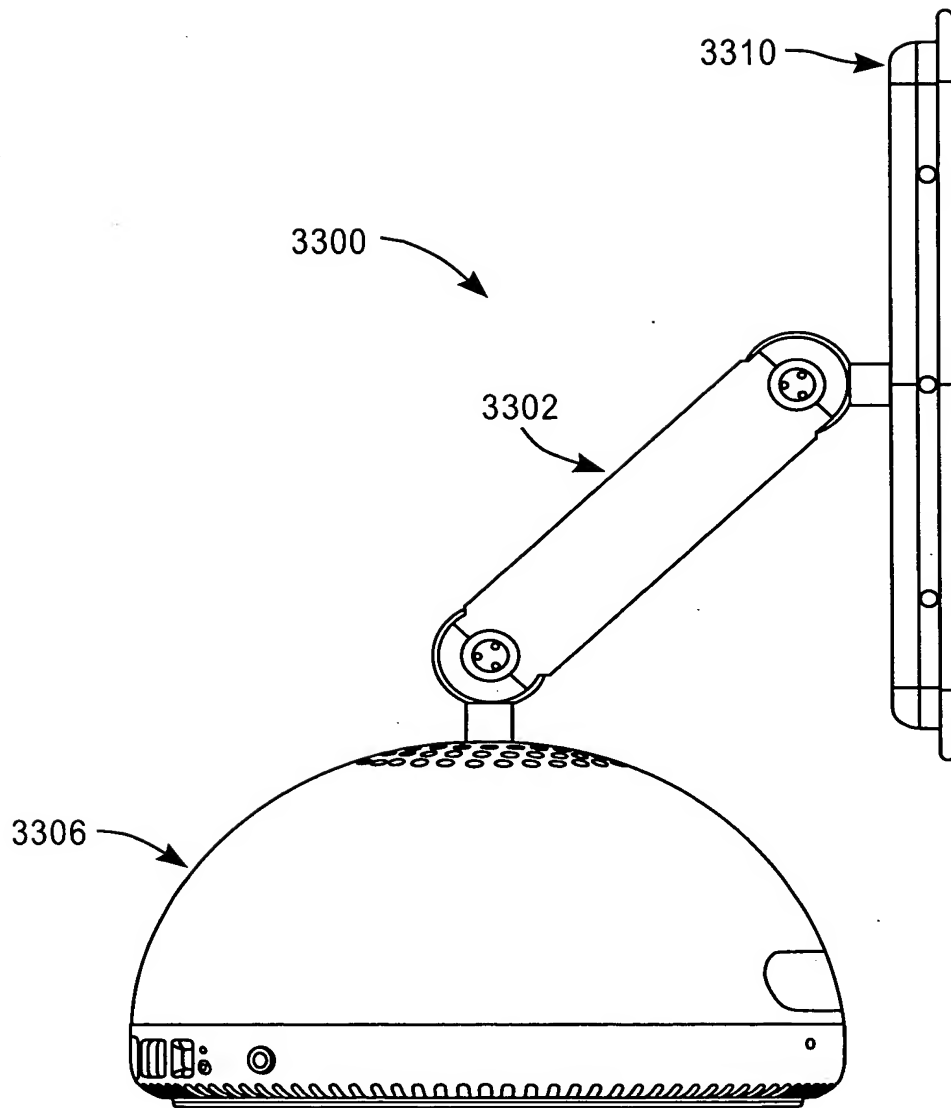


FIG. 33F

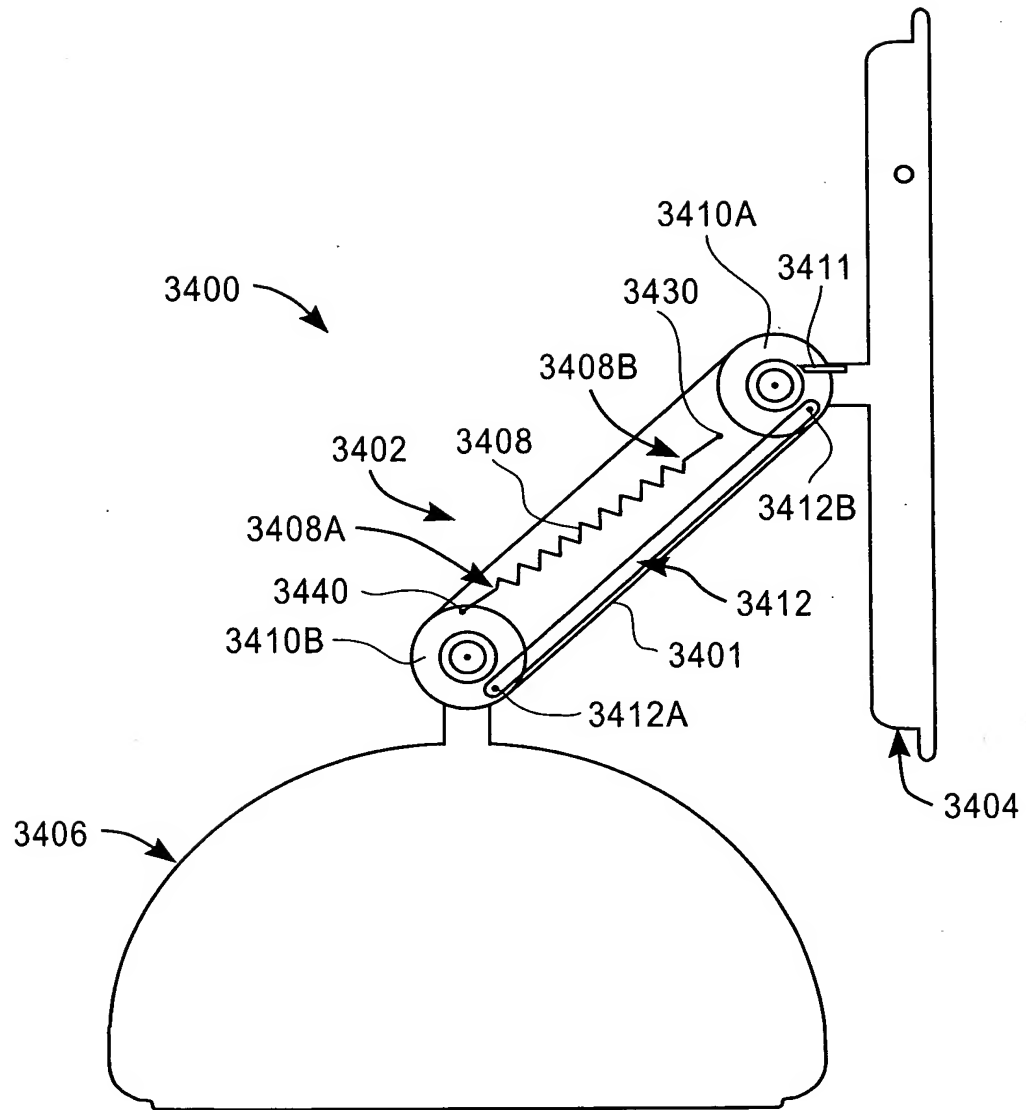


FIG. 34

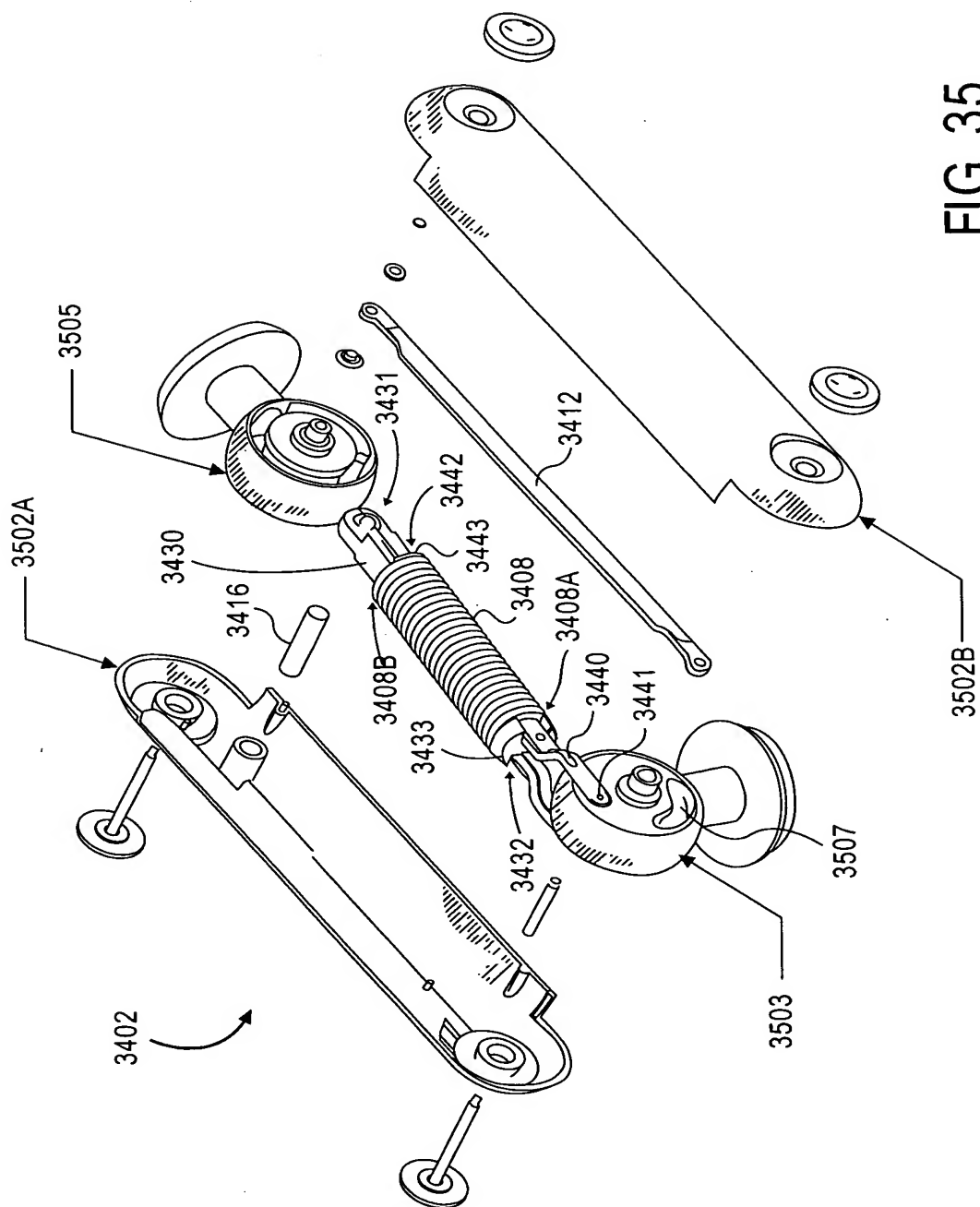


FIG. 35

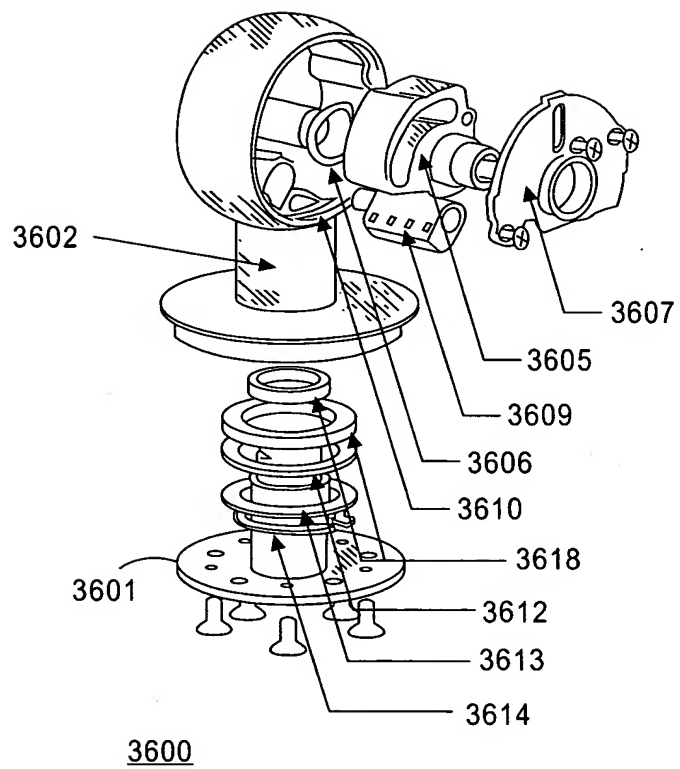


FIG. 36

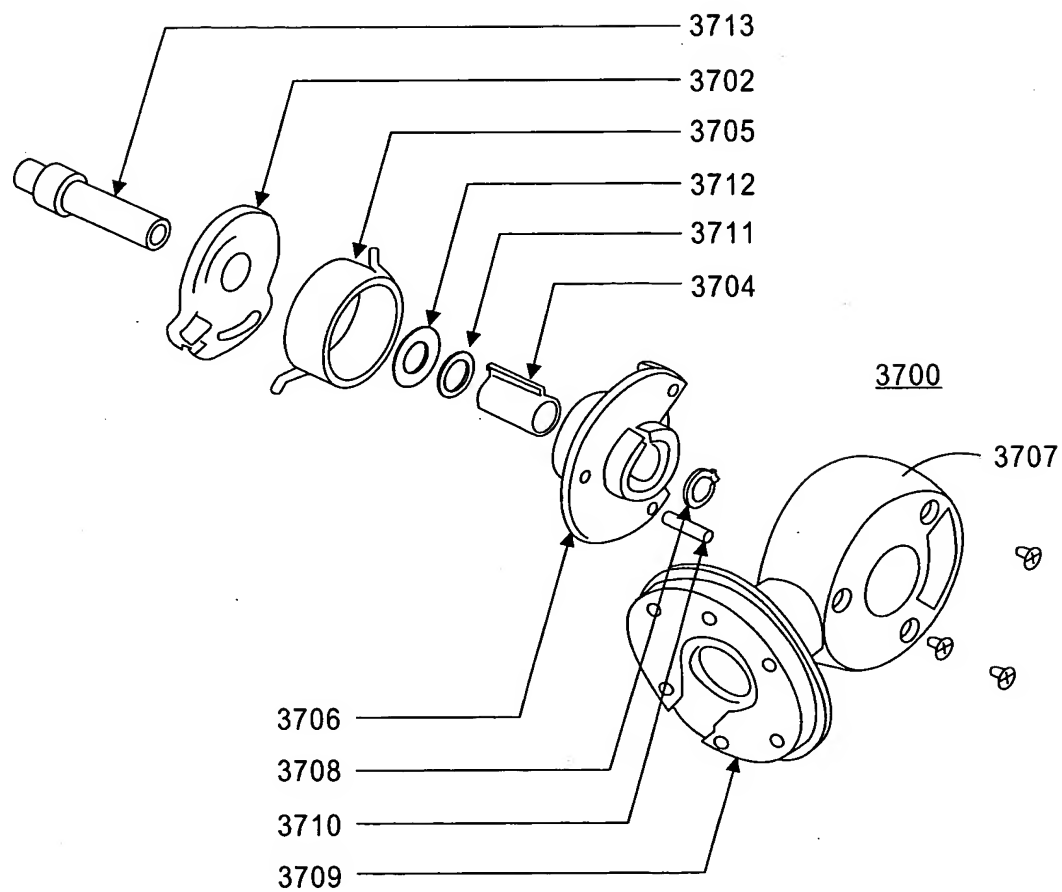


FIG. 37

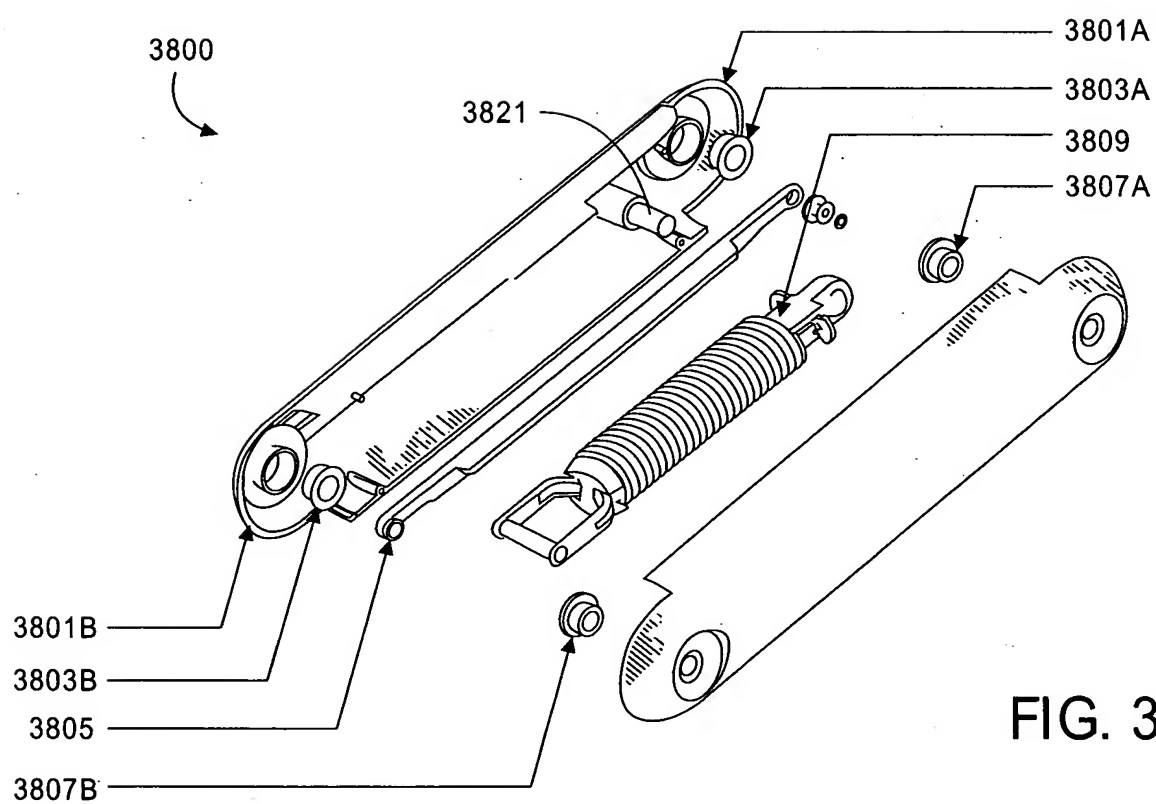
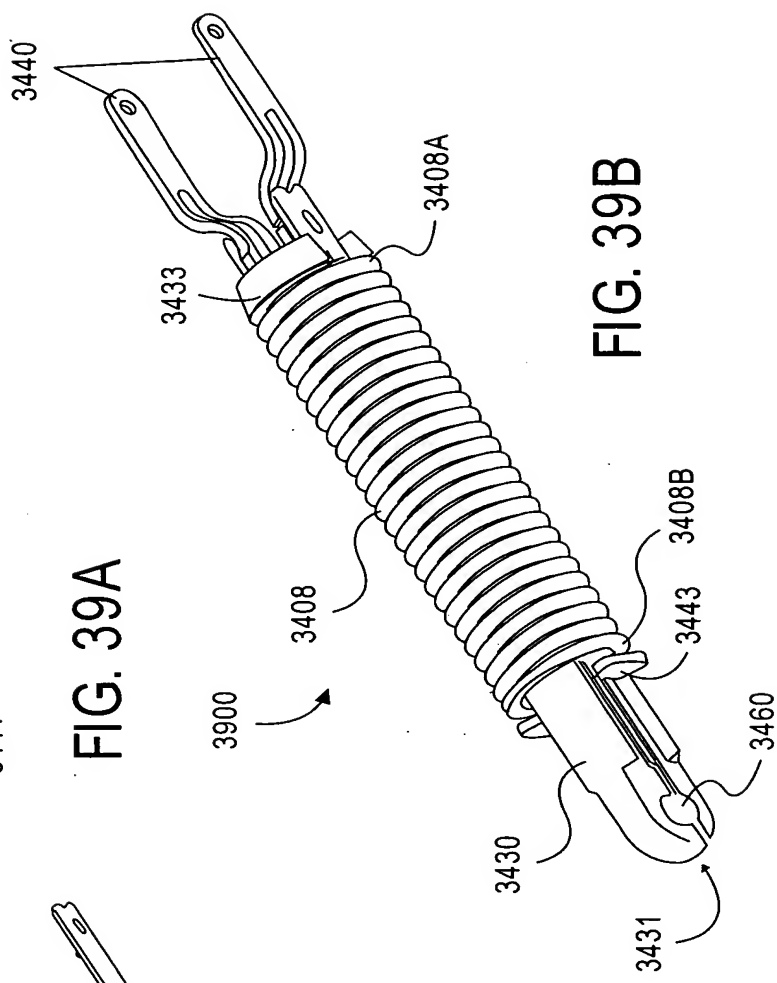
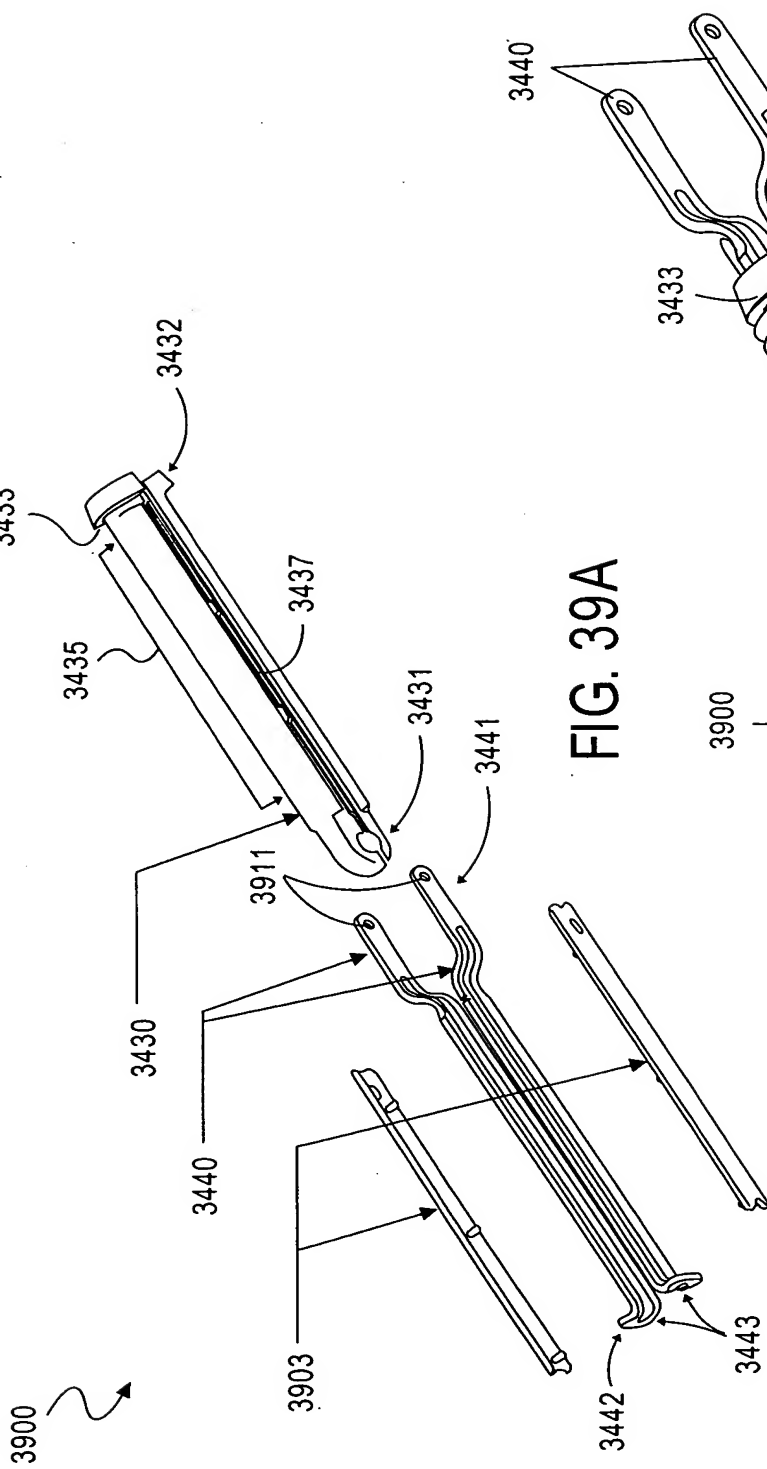


FIG. 38



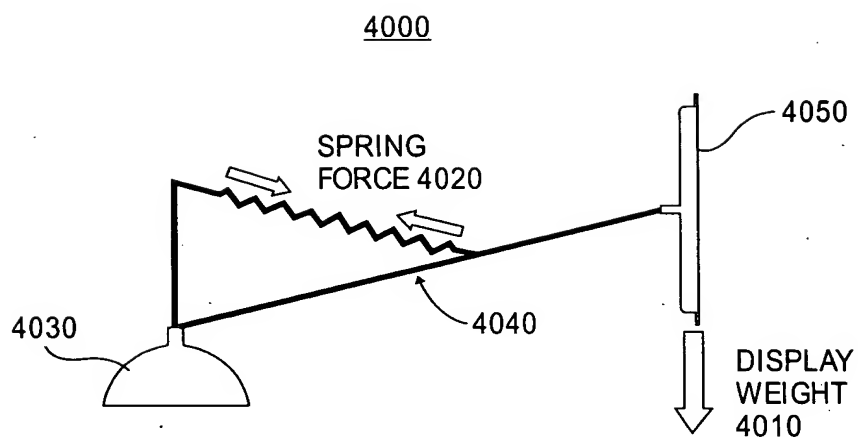


FIG. 40

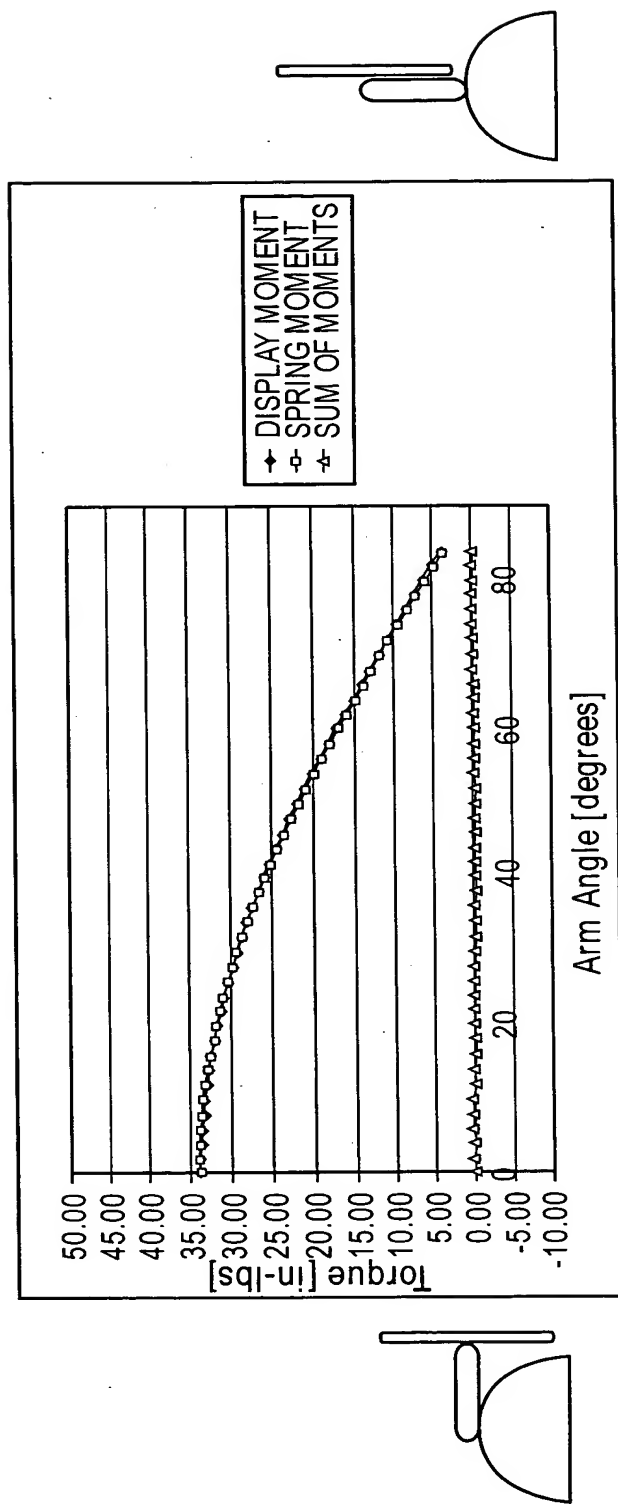


FIG. 41

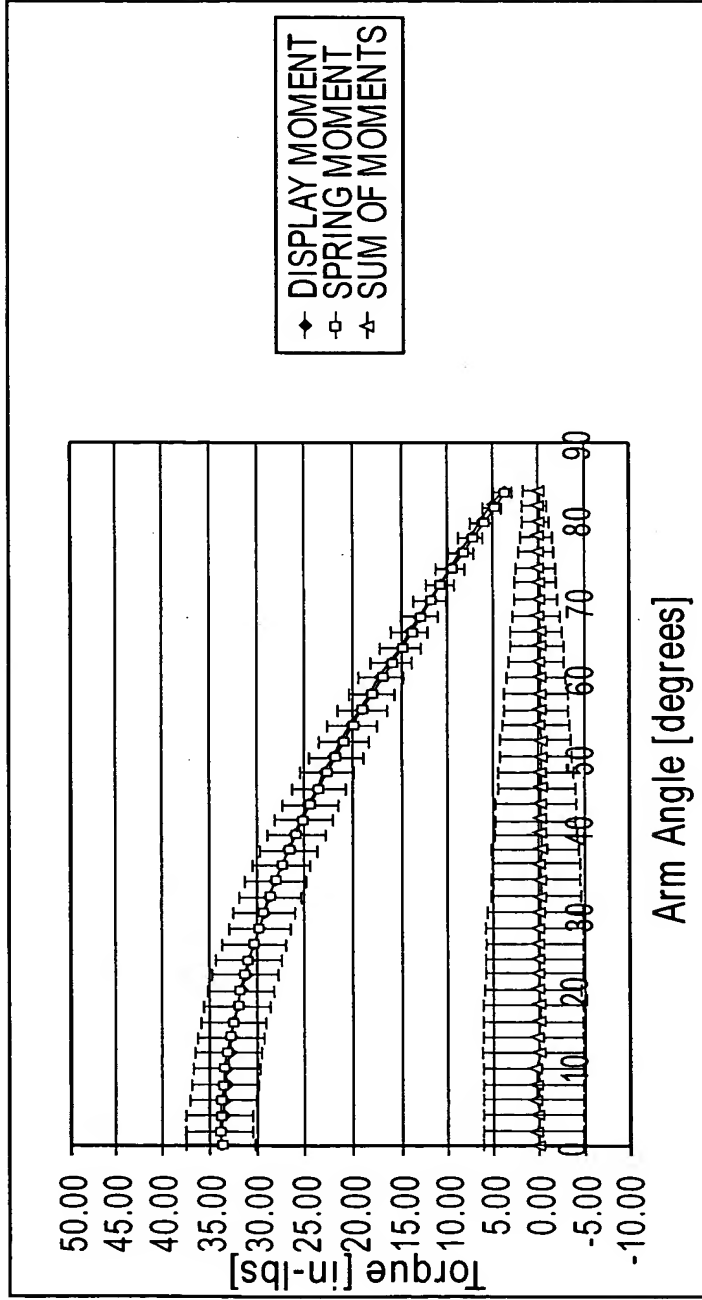


FIG. 42

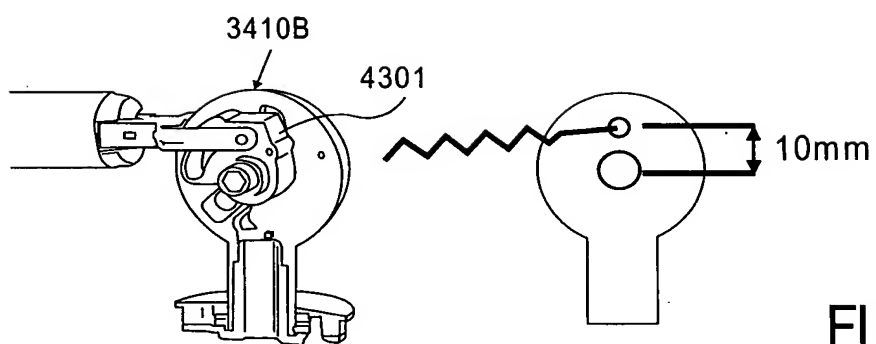


FIG. 43A

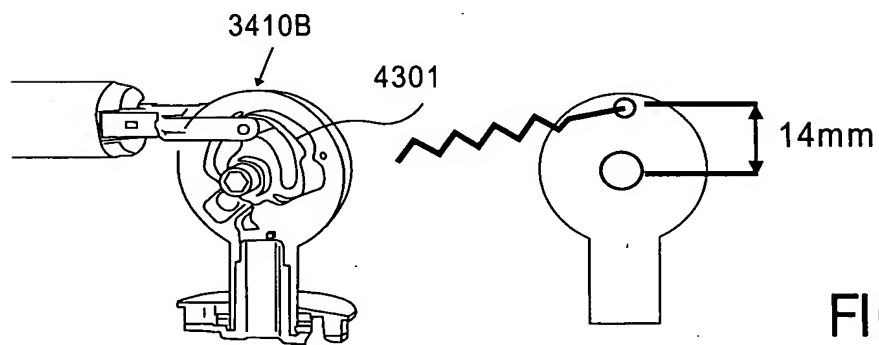


FIG. 43B

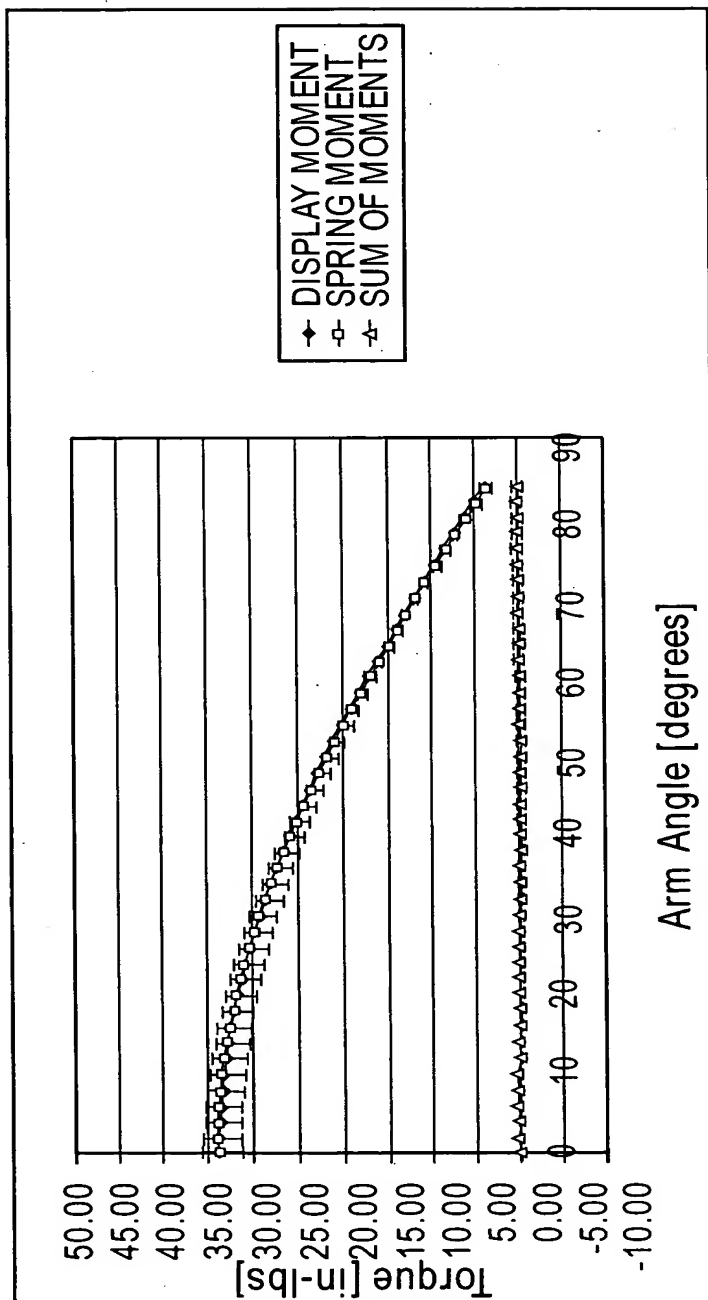


FIG. 44

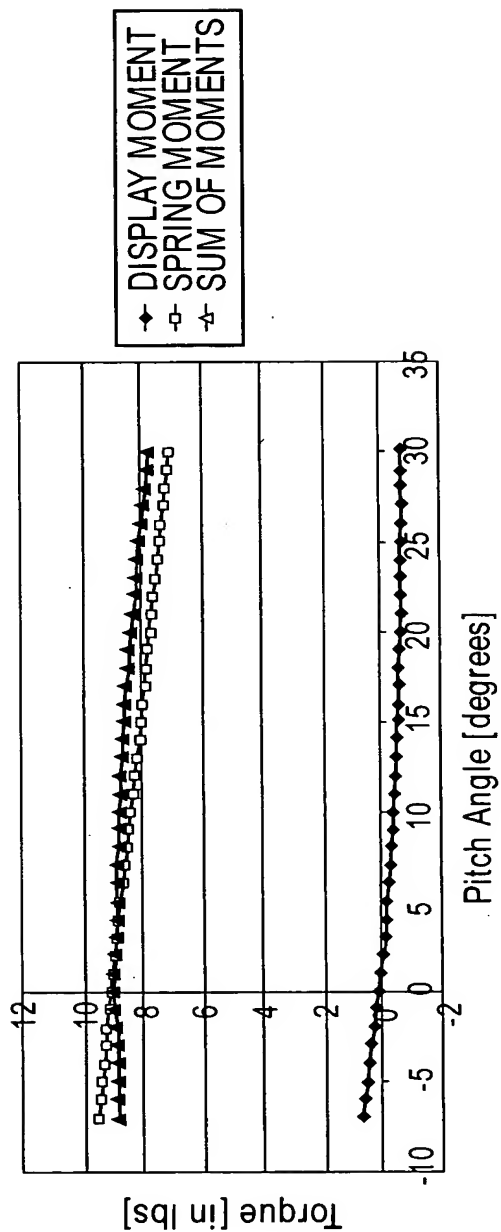


FIG. 45

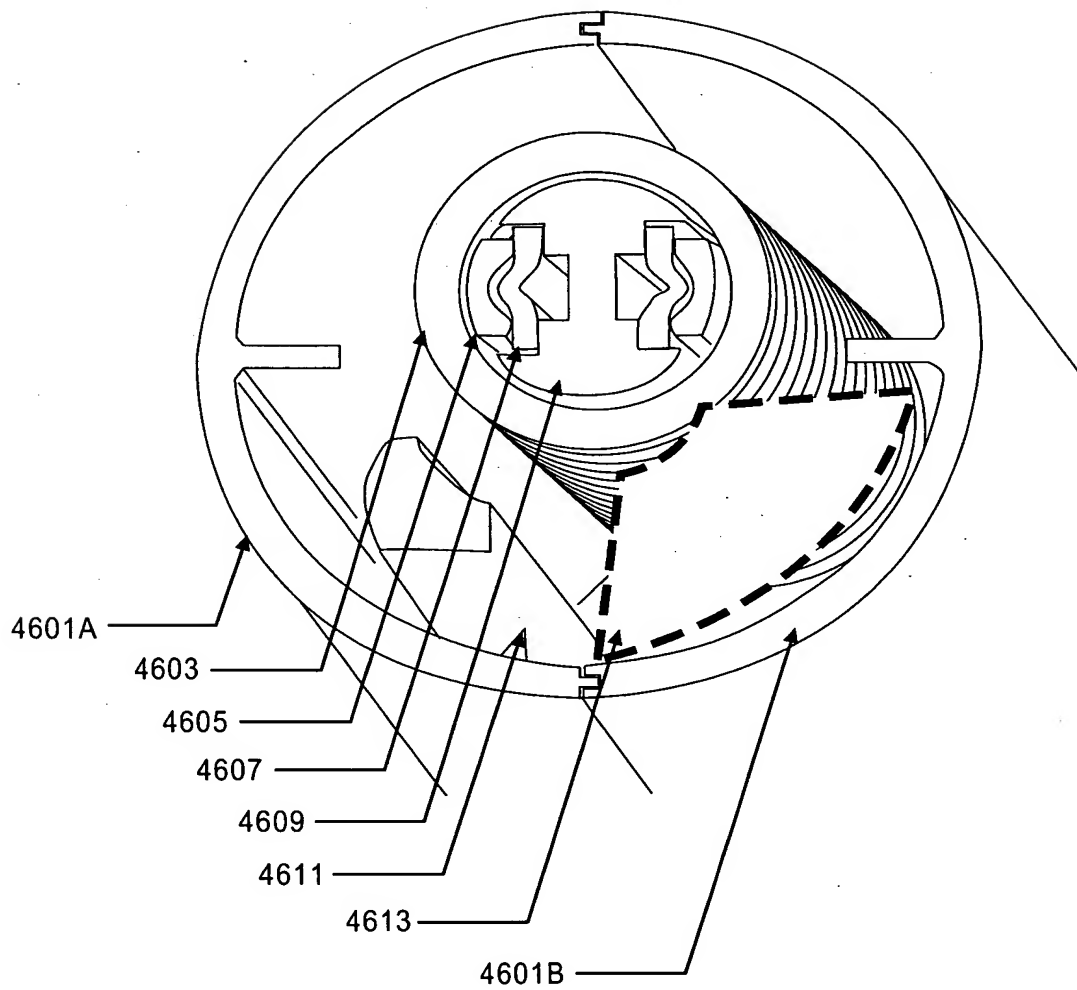


FIG. 46